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SYLVANIA

TUBE complement BOOK

WITH I-F PEAKS
AND
PANEL LAMP DATA

W.L.Carlton

TUBE COMPLEMENTS

WITH I-F PEAKS AND PANEL LAMP DATA

Second Edition

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Foreword

♦

In compiling this Tube Complement Book we have proceeded with caution, in an attempt to make it complete and authentic. In radio, as perhaps in no other technical field, it is necessary to reach backward into the past, as well as forward into the immediate future, in order to assemble all the information necessary for successful servicing of all existing models. The multiplicity of new circuits and new tube types is further complicated by the great number of older models still in use, some of them manufactured by firms now out of business.

We acknowledge our debt to the many set manufacturers who have supplied data covering all models, both past and current. In the case of obsolescent "orphan" models we shall be glad to hear from experienced servicemen who can supply additional or more complete data to be passed on to the users of this book, and to be included in subsequent editions.

We hope that the contents will prove not only a valuable guide to servicemen, but an interesting historical resume of the progress of radio. Even to those who have been aware of the rapid and radical changes incident to the development of the radio industry, the vast amount of information collected in these pages has proved amazing.

Sylvania engineers have constantly kept abreast of this growth and development, so that there is a Sylvania Radio Tube for practically every purpose. However, our aim has been to provide complete tube complement information, regardless of type, and manufacture, as well as to give i-f peak frequencies, panel lamp data and other information, so that servicemen will find in this single volume all necessary data for tube replacement in all makes and models of receivers encountered in their work.

SYLVANIA ELECTRIC PRODUCTS INC.

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TRADE NAMES OF RECEIVERS

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A complete list of Trade Names of radio receivers is given below, with the respective manufacturer or distributor. Some names represent models, but are listed because they have been commonly used in classifying these receivers. The list should prove helpful in tracing tube complements and service data, since many of the manufacturers are now out of business or inactive, or have been absorbed by some other company. This list should be used as a cross index to the list of active manufacturers and distributors listed in another section of this book. It will also be useful for cross reference with the tube complements, i-f peaks and panel lamp data.

A

Abbey	Thomas A. Edison, Inc.
ABC	ABC Radio Laboratories
A-C Dayton	The A-C Dayton Co.
Ace	Ace Radio Co.
Acme	Acme Electric & Mfg. Co.
Acratone	Federated Purchasers, Inc.
Administrator	Crosley Radio Corp.
Admiral	Continental Radio & Television Corp.
Admiral	Radio Products Corp.
Admiralty	Norden Hauck, Inc.
Adventurer	Crosley Radio Corp.
Aero	Chas. Hoodwin Co.
Aetna	Aetna Radio Corp.
Airex	The Airex Co.
Aircastle	Spiegel, Inc.
Air Chief	The Firestone Tire & Rubber Co.
Air Flight	Silver Marshall Mfg. Co.
Airhound	Pilot Radio Corp.
Air King	Air King Products Co., Inc.
Airline	Montgomery Ward & Co.
Air Master	Automatic Radio Mfg. Co.
Airscout	Pilot Radio Corp.
Alderman	Crosley Radio Corp.
Alhambra	RCA Mfg. Co.
All American Mohawk	Rudolph Wurlitzer Mfg. Co.
Allied	Allied Radio Corp.
All-World	Silver Marshall
Alonson	Commonwealth Radio Mfg. Co.
Ambassador	Crosley Radio Corp.
Ambrola	United American Bosch Corp.
American	General Telev. & Radio Corp.
American Bosch	United American Bosch Corp.
Amrad	Amrad Corp.
Andrea	F. A. D. Andrea, Inc.
Angelus	Davison Haynes Co.
Announcer	Crosley Radio Corp.
Ansley Dynaphone	Ansley Radio Corp.
Apex	U. S. Radio & Television Corp.
Appel-Henderson	Appel-Henderson Radio Co.
Arcadia	Wells-Gardner & Co.
Arlington	Wells-Gardner & Co.
Arbiter	Crosley Radio Corp.
Arborphone	Arborphone Radio Co.
Argus	Argus Radio Co.
Aria	Amrad Corp.
Arkay	R. K. Radio Laboratories, Inc.
Around the World	Silver Marshall Mfg. Co.
Arvin	Noblitt-Sparks Industries, Inc.
Atchison	Atchison Radio Mfg. Co.
ATR	American Telephone & Radio Co.
Atwater-Kent	Atwater Kent Mfg. Co.
Audiola	Audiola Radio Co. (Fairbanks Morse & Co.)

TRADE NAMES

Austin	Austin Radio Mfg. Corp.
Autobox	National Co.
Autocrat	Autocrat Radio Co.
Automaster	Automatic Radio Mfg. Co.
Automatic	Automatic Radio Mfg. Co.
Auto-Rola	Automatic Radio Mfg. Co.
Auto-Vox	Auto-Vox Radio Co.
Aztec	Aztec Radio Co.

B

Baird	Shortwave & Television Labs., Inc.
Balboa	Montgomery Ward & Co.
Balder	Balder Radio Corp.
Baldwin	Nathaniel Baldwin
Balkeit	Balkeit Radio Co.
Bandbox	Crosley Radio Corp
Bantam	Ware Mfg. Corp
Barker	Barker Brothers
Bearcat	Silver Marshall Mfg. Co.
Bel-Canto	Amrad Corp.
Bell-Knapp	Bell-Knapp Hardware Co.
Belmont	Belmont Radio Corp.
Berkshire	Berkshire Co.
Best	Remler Co., Ltd.
Bestone	Namco Mfg. Co.
Beverly	Wells-Gardner & Co.
Bigfella	Crosley Radio Corp.
BL	Browning Labs., Inc.
Blackhawk	Wells-Gardner & Co.
Bonniboy	Crosley Radio Corp.
Book Case	Crosley Radio Corp.
B-O-P	United Motors Service
Bosch	United American Bosch Corp.
Brandes	Brandes Products Corp.
Bremer-Tully	Bremer-Tully Mfg. Co.
Brentwood	Grigsby-Grunow Mfg. Co.
Breting	Breting Radio Mfg. Co.
Browning-Drake	Browning Drake Corp.
Browning	Browning Labs., Inc.
Brucewood	Grigsby-Grunow Mfg. Co.
Brunswick	Brunswick-Balke Collender Co.
Brunswick	Brunswick Radio Corp.
Buccaneer	Crosley Radio Corp.
Buckingham	Buckingham Radio Corp.
Buddy	Crosley Radio Corp.
Buddy-Boy	Crosley Radio Corp.
Buick	Buick Motor Car Co.
Bulova	Bulova Watch Co.
Burley	Spiegel, Inc.
Bush & Lane	Bush & Lane Piano Co.

C

Cable-Nelson	Howard Radio Corp.
Cabriolet	Crosley Radio Corp.
Cadillac	Cadillac Motor Car Co.
Capehart	Capehart Corp.
Capehart	Capehart Division of Farnsworth Radio & Telev. Corp.
Capital	Capital Radio Co.
Captain-Kidd Chest	Pilot Radio & Tube Corp.
Cardinal	Long Radio Co.
Cardinal	Cardinal Radio Mfg. Co.
Carlile	Warwick Mfg. Co.
Carlton	U .S. Radio & Television Co.
Caroler	Crosley Radio Corp.
Carteret	Carteret Radio. Labs
Caruso	Laurehk Radio Mfg Co..
Casa	Crosley Radio Corp.
Cascade	Kellogg Switchboard & Supply Co.
Case	Case Electric Corp.
Case	U. S. Radio & Television Co.
Cathay	Warwick Mfg. Co.

TRADE NAMES

Cathedral Tone	Federated Purchasers, Inc.
Cavalcade	Cavalcade Radio Corp.
Cavalier	Montgomery Ward & Co.
Century	Century Radio Prods. Co.
Challenger	Montgomery Ward & Co.
Champion	Champion Radio Laboratories
Champion	Ferguson Radio, Inc.
Champion, Jr.	Gulbransen Co.
Chanticleer	Chanticleer Radio Co.
Cheltenwood	Grigsby-Grunow Mfg. Co.
Cherio	Crosley Radio Corp.
Chevrolet	United Motors Service
Chevrolet	Chevrolet Motor Co.
Chief	Crosley Radio Corp.
Chieftain	All American Mohawk Corp.
Chrysler	Division of Chrysler Corp.
Chum	Crosley Radio Corp.
Clago	Clago Radio Corp.
Clarion	Clarion Radio Corp.
Clarion	Transformer Corp. of America
Classmate	Crosley Radio Corp.
Clearodyne	Cleartone Co.
Climax	Climax Radio & Television, Inc.
Climax	Federated Purchasers
Clinton	Clinton Mfg. Co.
Clipper	Crosley Radio Corp.
Clipper	Radio Products Sales Co.
Com-Rad	Commonwealth Radio Mfg. Co.
Constitution	Crosley Radio Corp.
Coast to Coast	Coast to Coast Radio Corp.
Code	Service Electric Co.
Collegian	Montgomery Ward & Co.
Colonial	Colonial Radio Corp.
Columbia	Columbia Phonograph Corp.
Columbia	Columbia Radio Corp.
Comet	Colin B. Kennedy Corp.
Comet-Pro	Hammarlund Mfg. Co.
Commander	Hammarlund Mfg. Co
Commander	Montgomery Ward & Co.
Commissioner	Crosley Radio Corp.
Commodore	Montgomery Ward & Co.
Commonwealth	Commonwealth Radio Mfg. Co.
Compact	Howard Radio Co.
Companion	Crosley Radio Corp.
Congressman	Crosley Radio Corp.
Conqueror	Insuline Corp. of America
Cordova	Brunswick Radio Corp.
Corona	Corona Radio & Television Corp.
Coronet	Colin B. Kennedy Corp.
Coronado	Gamble-Skogmo, Inc.
Coralr	Crosley Radio Corp.
Cortez	Montgomery Ward & Co.
Counterphase	Bremer-Tully Mfg. Corp.
Courrier	United Reproducers Corp.
Crony	Crosley Radio Corp.
Crosley	Crosley Radio Corp.
Crown	Custom Built Radio Mfg. Co.
Cruiser	Crosley Radio Corp.
Cruiser	United American Bosch Corp.
Crusader	Pacific Radio Corp.

D

Day-Fan	A. C. Dayton Co.
Day Fan	Day-Fan Radio Co.
Day Fan	Dayfan Electric Co.
Day-Fan	General Motors
Delco	Delco Appliance Corp.
Delco	United Motors Service
De Soto	Montgomery Ward & Co.
De Soto	De Soto, Division of Chrysler Corp.
Detrola	Detrola Radio Corp.

De Wald	De Wald Mfg. Co.
Diamond	Diamond Radio Co.
Dictator	Montgomery Ward & Co.
Dictograph	Dictograph Products Co., Inc.
Dinah	Warwick Mfg. Co.
Director	Crosley Radio Corp.
Discoverer	Crosley Radio Corp.
Dodge	Dodge, Division of Chrysler Corp.
Dow	Dow Radio Co.
Dragon	Pilot Radio Corp.
Druid	Warwick Mfg. Co.
Duet	Amrad Corp.
Dunn-Hall	Dunn-Hall Co.
Dynaphone	Ansley Radio Corp.

E

E & A	Electric & Automotive Products Co.
Eagle	Rudolph Wurlitzer Mfg. Co.
Eagle	All American Mohawk Corp.
Earl	Earl Radio Corp.
Echoette	Echophone Radio Mfg. Co.
Echophone	Echophone Radio Corp.
Edison	Thomas A. Edison, Inc.
Edison-Bell	Edison-Bell Co., Inc.
Electrotone	Harris Mfg. Co.
Elf	Crosley Radio Corp.
Ellswood	Grigsby-Grunow Co.
El-Rey	El-Rey Radio Mfg. Co.
Emerson	Emerson Radio & Phonograph Corp.
Empire	Empire Production Co.
Ensign	Espey Mfg. Co
Envoy	Insuline Corp. of America
Envoyette	Insuline Corp. of America
Equiphase	Freshman Radio Co.
Erla	Electrical Research Laboratory, Inc.
Esco	Economic Supply Co.
Espey	Espey Mfg. Co., Inc.
Essex	United American Bosch Corp.
Eveready	National Carbon Co., Inc.

F

Fada	Fada Radio & Electric Co.
Fadalette	Fada Radio & Electric Co.
Falck	Advance Electric Co.
Fairbanks-Morse	Fairbanks-Morse & Co.
Fantasy	Montgomery Ward & Co.
Fansteel	Balkeit Prods. Co.
Farnsworth	Farnsworth Telev. & Radio Corp.
Farrand	Farrand Mfg. Co.
Federal-Orthosonic	Federal Radio Corp.
Fenway	Fenway Radio Co.
Ferguson	Ferguson Radio Corp.
Ferrodyne	Stewart Warner Corp.
Fireside	Freely Corp.
Firestone	The Firestone Tire & Rubber Co.
Fischer-Smith	Fischer-Smith
Fiver	Crosley Radio Corp.
Fleetwood	Fleetwood Radio Corp.
Ford	Ford Motor Car Co.
Fordson	Forago Corporation formerly Fordson Export Corp.
Fordson	Fordson Radio, Inc.
Forty-five	Crosley Radio Corp.
Four	Crosley Radio Corp.
Fourteen	Crosley Radio Corp.
Franklin	Franklin Radio Corp.
Freed	Freed Television & Radio Corp.
Freed-Eisemann	Freed Mfg. Co., Inc.
Freed-Eisemann	Freed Television & Radio Corp.
French	Jessie French & Sons
Freshman	Charles Freshman Co., Inc.
Freshman Masterpiece	Belmont Radio Corp.

G

Galleon	Crosley Radio Corp.
Garod	Garod Radio Corp.
Gaylord	Gaylord Mfg. Co.
Gembox	Crosley Radio Corp.
Gemchest	Crosley Radio Corp.
General	General Television & Radio Corp.
General Electric	General Electric Co.
General Motors	United Motors Service
Gilfillan	Gilfillan Bros., Inc.
Globe Trotter	Colin B. Kennedy Corp.
Globe Trotter	Globe Trotter Radio Co.
Gloritone	U. S. Radio & Television Corp.
G-M	United Motors Service
Goldcrest	Cleartone Radio Corp.
Goldentone	Fordson Radio Mfg. Co.
Goodyear	Goodyear Tire & Rubber Co., Inc.
Governor	Crosley Radio Corp.
Graybar	Graybar Electric Co., Inc.
Grebe	Grebe Mfg. Co., Inc.
Greeley	General Television & Radio Corp.
Grunow	General Household Utilities Corp.
Gulbransen	Gulbransen Co.
Gypsy	Kingston Radio Co.

H

Hallicrafters	Hallicrafters, Inc.
Halson	Halson Radio Mfg. Corp.
Hammarlund	Hammarlund Mfg. Co.
Hammarlund Roberts	Hammarlund Roberts, Inc.
Happy Hour	Crosley Radio Corp.
Harley Davidson	Harley Davidson Motor Co.
Harris Electrones	Harris Mfg. Co.
Harold Bell	Harold Bell Radio Co.
Hatry and Young	Hatry & Young
Havenwood	Grigsby-Grunow Mfg. Co.
Hawk	Hammarlund Mfg. Co.
Heintz & Kaufman	Heintz & Kaufman, Ltd.
Herald	International Trading Corp.
Hetro	Hetro Electric Industries
H. F. L.	High Frequency Labs., Inc.
Hi-Q	Hammarlund Roberts, Inc.
Hobbs	Mission Bell Radio Mfg. Co., Inc.
Hoodwin	Chas. Hoodwin Co.
Horn	Herbert H. Horn
Howard	Cable-Nelson
Howard	Howard Radio Co.
Hudson	Hudson Motor Car Co.
Hupmobile	Hupmobile Corp.

I

I. C. A.	I. C. A. Export Co.
I. C. A.	Insuline Corp. of America
Imperial	King Mfg. Co.
Imperial	Tyrman Electric Corp.
Inductrol	Amrad Corp.
Insulette	Insuline Corp. of America
International	Kadette Radio Corp.
International	Kolster Radio Corp.
Interocean	Interocean Radio Corp.
I. R. C.	International Radio Corp.
Isotone	High Frequency Laboratories

J

Jackson Bell	Jackson Bell Co., Ltd.
Jackson Bell	Pacific Radio Corp.
Jenkins	J. E. Jenkins & Adair
Jenkins	Jenkins Television Corp.
Jesse French	Jesse French & Sons Piano Co.
Jewelbox	Crosley Radio Corp.

Jewelcase	Crosley Radio Corp.
Jewell	Emerson Radio & Phono. Co.
Jewell	International Radio Corp.
Jewell	Sparks-Withington Co.
Johnny Smoker	Crosley Radio Corp.
Judge	Crosley Radio Corp.
Jumbo	Pilot Radio Corp.
Justice	Crosley Radio Corp.

K

Kadette	Emerson Radio & Phono. Co.
Kadette	International Radio Corp.
Kadette	Kadette Radio Corp.
Karadio	Karadio Corp.
Kayo	Kayo Mfg. Co.
Keller-Fuller	Keller-Fuller Mfg. Co.
Kellogg	Kellogg Switchboard & Supply Co.
Kennedy	Colin B. Kennedy Corp.
King	King Mfg. Co.
Kingston	Kingston Radio Co.
Knight	Allied Radio Corp.
Kolster	Kolster Radio, Inc.
Kolster-Columbia	Kolster Radio, Inc.
Kylectron	United Reproducers Corp.

L

Lafayette	Lafayette Radio Corp.
Lang	Lang Radio Co.
Lark	Patent Development Co.
LaSalle	Champion Radio Lab.
LaSalle	LaSalle Radio Corp
Laurehk	Laurehk Radio Mfg. Co.
Leader	Crosley Radio Corp.
Leader-D	Crosley Radio Corp.
Legislator	Crosley Radio Corp.
Leutz	C. R. Leutz, Inc.
Lewol	Lewol Mfg. Co.
Lincoln	Ford Motor Car Co.
Lincoln	Lincoln Radio Corp.
Lincoln Super	Ozarka Radio Co.
Lincoln Symphonic	Lincoln Radio Corp.
Litlfella	Crosley Radio Corp.
Litlboy	Crosley Radio Corp.
Little General	General Motors
L'Tatro	L'Tatro Mfg. Co.
Luxor	Luxor Radio Mfg. Co.
Lyric	Rudolph Wurlitzer Mfg. Co.

M

Macy	R. H. Macy & Co.
Madison-Moore	Madison-Moore Co.
Magnavox	The Magnavox Co., Inc.
Majestic	Majestic Radio & Television Corp.
Majestic	Grigsby Grunow Co.
Marvel	Insuline Corp. of America
Marvelo	Radolek, Inc.
Mascot	Insuline Corp. of America
Masterpiece	Freshman Radio Co.
Masterpiece	McMurdo Silver Corp.
Mastertone	High Frequency Labs.
Mate	Crosley Radio Corp.
May	May Radio & Refrigeration Corp.
Mayfair	Capital Radio Co.
Mayor	Crosley Radio Corp.
McMillan	McMillan Radio Co.
McMurdo-Silver	McMurdo Silver, Inc.
Melburn	Melburn Radio Mfg. Co.
Mell-O-Tone	Mell-O-Tone Radio Corp.
Merrimac	Crosley Radio Corp.
Merrymaker	Crosley Radio Corp.
Mickey-Mouse	Emerson Radio & Phonograph Co.

TRADE NAMES

Midwest	Midwest Radio Corp.
Mighty Midget	Master Radio & Mfg. Co.
Minerva	Minerva Radio Co.
Minstrel	Crosley Radio Corp.
Minuette	Amrad Corp.
Miraco	Midwest Radio Corp.
Mission Bell	Mission Bell Radio Mfg. Co., Inc.
Mobilette	Calvert Motors Associates, Ltd.
Mohawk	All American Mohawk Corp.
Monarch	Champion Radio Lab.
Monarch	King Mfg. Co.
Monotrad	Crosley Radio Corp.
Motorola	Galvin Mfg. Corp.
Motomaster	Motomaster Radio Co.
Moto-Midget	Acme Mfg. Co.
Motortone	Pierce Airo, Inc.
Motorphone	London Radio Co.
Motoset	Fada Radio Co.
Murdock	Wm. J. Murdock Co.
Music Master	Sleeper Radio Corp.
Musique	All-Wave Radio Corp.
Musique	Laurehk Radio Mfg. Co.

N

Namco	Namco Mfg. Co.
Nash	Nash Motors Co.
Nassau	Nassau Radio Co.
National	National Co., Inc.
Navajo	All American Mohawk Corp.
Navigator	A. C. Dayton Co.
New Buddy	Crosley Radio Corp.
New Pup	Crosley Radio Corp.
New Travo	Crosley Radio Corp.
New Yorker	David Grimes
Norco	Remler Co., Ltd.
Norden-Hauck	Norden-Hauck, Inc.
Northland	Diamond Radio Co.
Noveo	Noveo Mfg. Co.

O

Oldsmobile	Oldsmobile Auto Co.
Oldsmobile	United Motors Service
Olympia	Crosley Radio Corp.
One-Spot	Madison-Moore Co.
Oracle	Crosley Radio Corp.
Operadio	Operadio Corp.
Ozarka	Ozarka Radio Corp.

P

Pacific	Pacific Radio Corp.
Packard	Packard Radio Co.
Packard	Packard Motor Car Co.
Packard Bell	Packard Bell Radio Co.
Pal	Crosley Radio Corp.
Pam	Samson Electric Co.
Panatrope	Brunswick Radio Corp.
Partner	Crosley Radio Corp.
Pathe	Pathe Radio & Television Co.
Patterson	Patterson Radio Co.
Peak Radio Products	Eastern Radio Specialty Co.
Peerless	United Reproducers Corp.
Perfectone	Perfectone, Inc.
Per Wel	Per Wel Radio & Television Co.
Peter Pan	Peter Pan Radio Co.
Philco	Philco Radio & Television Corp.
Philmore	Philmore Mfg. Co.
Pied-Piper	Insuline Corp. of America
Pierce Airo	Pierce Airo, Inc.
Pilgrim	Pilgrim Electric Corp.
Pilot	Pilot Radio Corp.

Pilotone	Pilot Radio Corp.
Pla-Pal	Pla-Pal Radio & Television Co.
Playboy	Crosley Radio Corp.
Playtime	Crosley Radio Corp.
Plaza	Plaza Music Co.
Plymouth	Plymouth, Division of Chrysler Corp.
Police Desk	Sparks-Withington Co.
Pontiac	Pontiac Motor Co.
Pontiac	United Motors Service
Port-O-Matic	Port-O-Matic Corp.
Privateer	Crosley Radio Corp.
Pro	Hammarlund Mfg. Co., Inc.

R

Raco	Radio Constructors Labs.
Radiart	Radiart Corp.
Radiette	Keller-Fuller Co.
Radiobar	Radiobar Co. of America
Radiodyne	Western Coil & Electrical Co.
Radiokeg	Clago Radio Corp.
Radiola	RCA Mfg. Co.
Radiotrope	Radiotrope Co.
Radolek	Radolek, Inc.
Rainbow	Pilot Radio Corp.
Ranger	Brown and Manhart
RCA Victor	RCA Mfg. Co.
RCI	Radio Chassis, Inc.
Recital	Radio Receptor Co.
Recordio	Wilcox-Gay Corp.
Regal	Gamble-Skogmo, Inc.
Regal	Regal Amplifier Mfg. Corp.
Regal	International Radio Corp.
Remco	Recording Equipment Mfg. Co.
Remington	Dunn-Hall Co.
Remler	Remler Co., Ltd.
Repose	Crosley Radio Corp.
Republic	Republic Industries
Reveler	Crosley Radio Corp.
Revere	Revere Radio Corp.
Rextron	Rextron Radio Corp.
RME	Radio Mfg. Engineers, Inc.
Roamer	Allied Radio Corp.
Roamer	Manhart Radio Mfg. Co.
Roamio	Crosley Radio Corp.
Rondeau	Crosley Radio Corp.
Roots	Roots Auto Radio Mfg. Corp.
Roosevelt	Capitol Radio Co.
Royal	Colin B. Kennedy Corp.
Royal	Consolidated Radio Products Co.
Royal	King Mfg. Corp.
Royale	Royale Radio Mfg. Co.

S

Samson	Samson Electric Co.
Sara	J. L. Sara, Inc.
Savil	Savil Radio Engineering Corp.
Sargent	E. M. Sargent Co.
Sargent-Raymond	Silver-Marshall Mfg. Co.
Scott	E. H. Scott Radio Laboratories, Inc.
Scott Symphony	Scott Transformer Co.
Scout	Insuline Corp. of America
Sears	Sears, Roebuck & Co.
Secretary	Crosley Radio Corp.
Senator	Crosley Radio Corp.
Sentinel	Electrical Research Labs., Inc.
Sentinel	Sentinel Radio Corp.
Sentinel	United Air Cleaner Corp.
Septet	Crosley Radio Corp.
Serenader	Montgomery Ward & Co.
Serenata	Amrad Corp.
Setchell-Carlson	Setchell-Carlson Mfg. Co., Inc.

TRADE NAMES

Sevette	Crosley Radio Corp.
Sextet	Crosley Radio Corp.
Sextette	All American Mohawk Corp.
Sheldon	Sheldon Radio Co.
Sheraton	Crosley Radio Corp.
Sherwood	Grigsby-Grunow Co.
Showbox	Crosley Radio Corp.
Showboy	Crosley Radio Corp.
Showchest	Crosley Radio Corp.
Silver Ghost	C. R. Lutz, Inc.
Silver	McMurdo Silver Corp.
Silver King	Appel-Henderson Radio Co.
Silver-Marshall	Silver-Marshall, Inc.
Silver-Marshall	Silver-Marshall Mfg. Co.
Silvertone	Sears, Roebuck & Co.
Simplex	Simplex Radio Co.
Six	Crosley Radio Corp.
Sixty	Crosley Radio Corp.
Sky Hawk	Republic Industries
Skyrider	Hallicrafters, Inc.
Skyrover	Wells-Gardner & Co.
Slagle	Continental Radio Corp.
Sleeper	Sleeper Radio Corp.
Solar	Wells-Gardner & Co.
Solo	Montgomery Ward & Co.
Sondo	Crosley Radio Corp.
Songster	Crosley Radio Corp.
Sonnetser	Crosley Radio Corp.
Sonora	Sonora Electric Phonograph Co., Inc.
Sonora	Sonora Radio Mfg. Co.
Sonora	Sonora Radio & Telev. Corp.
Sovereign	Montgomery Ward & Co.
Sparks—Ensemble	Sparks-Withingson Co.
Sparton	Sparks-Withington Co.
Splitdorf	Thomas A. Edison, Inc.
Standard	Pilot Radio Corp.
Standard	Plaza Music Co.
Standard	Standard Radio Corp.
Star Raider	Continental Radio Corp.
Steinite	Steinite Radio Mfg. Co.
Sterling	Sterling Mfg. Co.
Stewart	Stewart Radio & Telev. Corp.
Stewart-Warner	Stewart-Warner Corp.
Story & Clark	Story & Clark Radio Corp.
St. Regis	International Radio Corp.
Stratosphere	Zenith Radio Corp.
Stromberg-Carlson	Stromberg-Carlson Telephone Mfg. Co.
Studebaker	Studebaker Corp.
Studebaker	Studebaker Labs.
Super Dragon	Pilot Radio Corp.
Super-Merton	Zenith Radio Corp.
Supertone	Wells-Gardner & Co.
Super-Pro	Hammarlund Mfg. Co., Inc.
Super Skyrider	Hallicrafters, Inc.
Super-Wasp	Pilot Radio Corp.
Super-Zenith	Zenith Radio Corp.
Symphony	Crosley Radio Corp.
Synchrophase	A. H. Grebe & Co.
Syncretone	Gaylord Mfg. Co.

T

Tatro	L'Tatro Mfg. Co.
Tea Table	Warwick Mfg. Co.
Te-lek-tor-et	Stromberg-Carlson Telephone & Mfg. Co.
Temple	Temple Radio Corp.
Templetone	Temple Radio Corp.
Ten	Crosley Radio Corp.
Tenace	Crosley Radio Corp.
Tenstrike	Crosley Radio Corp.
Thrill Box	National Co., Inc.
Tiny-Tim	DunnHorn- H.
Tiffany Tone	Herbert Hall Co.

Tobe	Browning Labs., Inc.
Tobe Tuner	Browning Labs., Inc.
Todd	Todd, Inc.
Tom Thumb	Automatic Radio Mfg. Co.
Totem	Crosley Radio Corp.
Transatlantic	I. C. A. Export Co., Inc.
Transitone	Philco Radio & Television Corp.
Trans-Oceanic	Hammarlund Mfg. Co.
Transoceanic	C. R. Leutz, Inc.
Transpacific	I. C. A. Export Co., Inc.
Traveler	Traveler Mfg. Corp.
Travette	Crosley Radio Corp.
Trav-ler	Trav-ler Radio & Television Corp.
Travo	Crosley Radio Corp.
Treasure Chest	Grigsby-Grunow Co.
Tridyn	Crosley Radio Corp.
Trojan	Trojan Factories, Ltd.
Troubador	Warwick Mfg. Co.
Troubadour	Crosley Radio Corp.
Troy	Troy Radio & Telev. Co.
Truetone	Western Auto Supply Co.
Truman	Truman Radio Shop
Twelve	Crosley Radio Corp.
Twentieth Century	Pilot Radio Corp.
Tyrman	Tyrman Electric Corp.

U

Ultradyne	Traul Radio Co.
Ultramar	Ultramar Mfg. Corp.
United	United Engine Co.
United Motors	United Motors Service
Universal	Universal Auto Radio Corp.
Universal	Universal Battery Co.
Universal Companion	I. C. A. Export Co., Inc.

V

Vagabond	Crosley Radio Corp.
Van Sicklen	Van Sicklen Corp.
Victor	RCA Mfg. Co.
Victoreen	Geo. W. Walker Co.
Victory	Champion Radio Labs.
Viking	Crosley Radio Corp.
Viking	Ozarka, Inc.
Vitatone	Zaney-Gill Corp.

W

Ware	Ware Mfg. Corp.
Warner Hanson	Warner Hanson Co.
Warwick	Warwick Mfg. Corp.
Washington	Crosley Radio Corp.
Wasp	Pilot Radio Corp.
Watterson	Watterson Radio Mfg. Co.
Wave Master	Kellogg Switchboard & Supply Co.
Webster	Webster Electrical Corp.
Wells-Gardner	Wells-Gardner & Co.
Westinghouse	Westinghouse Elec. Supply Co.
Wextark	Allied Radio Co.
White	White Wind Electric Co.
Wigit	Crosley Radio Corp.
Wilcox-Gay	Wilcox-Gay Corp.
Wings	Goodyear Tire & Rubber Co.
Wren	Patent Development Co.
Workrite	U. S. Electrical Corp.
World-Seven	Howard Radio Co.
World Wide Nine	Silver-Marshall, Inc.
Wurlitzer	Rudolph Wurlitzer Mfg. Co.

Z

Zelton	Pierce Airo, Inc.
Zenette	Zenith Radio Corp.
Zenith	Zenith Radio Corp.
Zephyr	Zephyr Radio Co.

RECEIVER MANUFACTURERS

The names and addresses of current manufacturers of radio receivers are given below. They have been carefully compiled for the servicemen who may wish to obtain technical information direct from the manufacturer. However, we suggest that you do not request the manufacturer's aid in minor problems, but try to solve them by consulting the many publications available. When writing any manufacturer, be sure to use a business letterhead or enclose a business card or other means of identifying yourself as a bona fide serviceman.

AETNA RADIO CORP., Walgreen Drug Co., 1066 W. Adams Street, Chicago, Ill.
AIR KING PRODUCTS CO., 1523-29 63rd St., Brooklyn, N. Y.
ALLIED ENGINEERING INSTITUTE, 85 Warren Street, New York City.
ALLIED RADIO CORP., 833 W. Jackson Boulevard, Chicago, Ill.
AMERICAN COMMUNICATIONS CORP , 123 Liberty St., New York City.
AMPLEX RADIO CORP., 240 W. 23rd Street, New York, N. Y.
ANDREA RADIO CORP., 48-20 48th Avenue, Woodside, L. I.
ANSLEY RADIO CORP., 4377 Bronx Blvd., New York, N. Y.
AUTOCRAT RADIO CO., 3855 N. Hamilton Avenue, Chicago, Ill.
AUTOMATIC RADIO MFG. CO., 122 Brookline Avenue, Boston, Mass.

BANKS MFG. COMPANY, 5019 N. Winthrop Avenue, Chicago, Ill.
BALKEIT RADIO CORP., 549 W. Randolph Street, Chicago, Ill.
BASSETT RADIO MFG. CORP., Niles, Mich.
BEE ENGINEERING CO., 7665 Grand River Ave., Detroit, Mich.
BELL RADIO & TELEV., 125 E. 46th St., New York City.
BELMONT RADIO CORP., 1257 Fullerton Avenue, Chicago, Ill.
BENDIX RADIO CORP., 920 E. Fort Ave., Baltimore, Md.
BERKSHIRE CO., 130 N. Wells Street, Chicago, Ill.
BOND PRODUCTS CO., 13139 Hamilton Ave., Detroit, Mich.
BRETING RADIO MFG. CO., 1815 Venice Boulevard, Los Angeles, Calif.
BROWNING LABS., INC., 750 Main Street, Winchester, Mass.
BRUNSWICK RADIO DIV., MERSMAN BROS. CORP., 206 Lexington Ave., New York City.

CALVERT MOTORS ASSOCIATES, LTD., 1028 Linden Ave., Baltimore, Md.
CANTON TRADING CO., 135 Liberty St., New York City.
CAPEHART CORP., E. Pontiac Street, Fort Wayne, Ind.
CAPITAL RADIO CO., 43 E. Ohio Street, Chicago, Ill.
CASE ELECTRIC CORP., Marion, Ind.
CAVALCADE RADIO CORP., 271 7th Street, San Francisco, Calif.
CAVALIER MOTORS ASSOCIATES, LTD., 1028 Linden Ave., Baltimore, Md.
CHAMPION RADIO LABORATORIES, 14553 Madison Avenue, Lakewood, Ohio.
CHANTICLEER RADIO CO., 1728 Venice Boulevard, San Francisco, Calif.
CINEMA ENGINEERING CO., 1508 S. Verdugo Ave., Burbank, Calif.
CLARION CORP., 1700 W. Washington Blvd., Chicago, Ill.
CLIMAX RADIO & TELEVISION CO., 511 Sangamon Street, Chicago, Ill.
CLINTON MFG. CO., 1217 W. Washington Boulevard, Chicago, Ill.
COLONIAL RADIO CORP., 254 Rano Street, Buffalo, N. Y.
COMMONWEALTH RADIO MFG. CO., 4848 Lincoln Avenue, Chicago, Ill.
CONTINENTAL RADIO & TELEV. CORP., 3800 Cortland St., Chicago, Ill.
CORONA RADIO & TELEVISION CORP., 420 N. Sacramento Blvd., Chicago, Ill.
CRESCENT RADIO MFG. CO., 3026 32nd Avenue, S., Minneapolis, Minn.
CROSLEY RADIO CORP., 1329 Arlington Street, Cincinnati, Ohio.

DETROLA RADIO & TELEV. CORP., 1501 Beard Avenue, Detroit, Mich.
DEWALD RADIO MFG. CORP., 440 Lafayette St., New York City.
DIAMOND RADIO CO., 2482 University Avenue, St. Paul, Minn.
DICTOGRAPH PRODUCTS CO. INC., 580 Fifth Avenue, New York, N. Y.
DOOLITTLE & FALKNOR, INC., 7421 S. Loomis Blvd., Chicago, Ill.
ALLEN B. DuMONT, 2 Main Ave., Passaic, N. J.
DUNN-HALL CO., 1477 W. Adams Street, Los Angeles, Calif.

EASTERN RADIO SPECIALTY CO., 227 Greenwich Street, New York, N. Y.
ECONOMIC SUPPLY CO., 2017 Grand Avenue, Kansas City, Mo.
ECHOPHONE RADIO CO., 201 E. 26th St., Chicago, Ill.
ELECTRICAL RESEARCH LABS., INC., Evanston, Ill.
EL REY RADIO MFG. CORP., 8406½ S. Broadway, Los Angeles, Calif.
EMERSON RADIO & PHONOGRAPH CORP., 111 8th Avenue, New York, N. Y.
ESPEY MFG. CO., INC., 305 E. 63rd St., New York, N. Y.

FADA RADIO & ELECTRIC CO., 30-20 Thompson Avenue, Long Island City, N. Y.
FAIRBANKS, MORSE & CO., 21st & Northwestern Avenue, Indianapolis, Ind.

RECEIVER MANUFACTURERS

FARNSWORTH TELEV. & RADIO CORP., Marion, Ind.
FEDERATED PURCHASERS, INC., 25 Park Place, New York, N. Y.
FERGUSON RADIO & TELEVISION CO., 745 Broadway, New York, N. Y.
FERGUSON RADIO, INC., 14553 Madison Ave., Lakewood, Ohio.
FINCH TELECOMMUNICATIONS, INC., 1819 Broadway, New York City.
FIRESTONE TIRE AND RUBBER CO., Akron, Ohio.
FORAGO CORPORATION, 2111 Woodward Avenue, Detroit, Mich.
FREED MFG. CO., 39 W. 19th Street, New York, N. Y.
FREELY CORP., 2 W. 20th Street, New York, N. Y.

GALVIN MFG. CORP., 4545 Augusta Blvd., Chicago, Ill.
GAMBLE-SKOGMO, INC., 700 Washington Ave., Minneapolis, Minn.
GAROD RADIO CORP., 115 Fourth Avenue, New York, N. Y.
GAYLORD MFG. CO., 605 W. Washington Street, Chicago, Ill.
GENERAL ELECTRIC CO., 1285 Boston Avenue, Bridgeport, Conn.
GENERAL HOUSEHOLD UTILITIES CO., 2638 N. Pulaski Rd., Chicago, Ill.
GENERAL TELEVISION & RADIO CORP., 258 W. 28th St., New York, N. Y.
GILFILLAN BROS., INC., 1815 Venice Boulevard, Los Angeles, Calif.
GLOBE TROTTER RADIO CO., 549 W. Randolph Street, Chicago, Ill.
GOODYEAR TIRE & RUBBER CO., 1144 E. Market St., Akron, Ohio.
GREBE MFG. CO., INC., 119 Fourth Avenue, New York, N. Y.
GROSS RADIO, INC., 51 Vesey Street, New York, N. Y.

HALLICRAFTERS, INC., 2611 Indiana Ave., Chicago, Ill.
HALSON RADIO MFG. CORP., Meriden, Conn.
HAMMARLUND MFG. CO., 424 W. 33rd Street, New York, N. Y.
HARRIS MFG. CO., 2422 W. 7th Street, Los Angeles, Calif.
HARVEY-WELLS COMMUNICATIONS, INC., Southbridge, Mass.
HUDSON MOTOR CAR COMPANY, Detroit, Mich.
HEINTZ & KAUFMAN, LTD., S. San Francisco, Calif.
HETRO ELECTRICAL INDUSTRIES, INC., 4611 Ravenswood Ave., Chicago, Ill.
HERBERT H. HORN, 1201 S. Olive Street, Los Angeles, Calif.
HOWARD RADIO CO., 1735 Belmont Avenue, Chicago, Ill.

INTERNATIONAL RADIO CORP., 200 Hill St., Ann Arbor, Mich.
INTERNATIONAL TRADING CORP., 176 W. Adams Street, Chicago, Ill.

JEFFERSON-TRAVIS RADIO MFG. CORP., 198 Milburn Ave., Baldwin, L. I., New York

KAAR ENGINEERING CO., 619 Emerson Street, Palo Alto, Calif.
KARADIO CORP., 750 Washington Avenue, N., Minneapolis, Minn.
KARNS-WHITE CORP., 1775 Broadway, New York City.
KINGSTON RADIO CO., Kokomo, Ind.

LAFAYETTE RADIO CORP., 100 Sixth Avenue, New York City.
LA SALLE RADIO CORP., 140 Washington Street, New York, N. Y.
LAUREHK RADIO MFG. CO., 3918 Monroe Ave., Wayne, Mich.
LEAR AVIATION, INC., Dayton Municipal Airport, Dayton, Ohio.
L'TATRO MFG. CO., 417-421 W. Water Street, Decorah, Iowa.
LUXOR RADIO MFG. CO., 521 W. 23rd Street, New York, N. Y.

MAJESTIC RADIO & TELEVISION CORP., 2600 W. 50th St., Chicago, Ill.
MAJESTIC RADIO & TELEVISION CO., 50th & Rockwell Streets, Chicago, Ill.
MANSLEY RADIO CORP., 182 Milburn Ave., Baldwin, N. Y.
MARCONIPHONE, INC., 679 Madison Avenue, New York, N. Y.
MARINE RADIO CORP., 117-19 168th St., Jamaica, N. Y.
MCMURDO SILVER CORP., 2900 S. Michigan Boulevard, Chicago, Ill.
MEISSNER MFG. CO., Mt. Carmel, Ill.
MELBURN RADIO MFG. CO., 2218 S. Hoover St., Los Angeles, Calif.
MIDWEST RADIO CORP., 909 Broadway, Cincinnati, Ohio.
JAMES MILLEN MFG. CO., INC., 150 Exchange St., Malden, Mass.
MISSION BELL RADIO MFG. CO., INC., 833 Venice Boulevard, Los Angeles, Calif.
MONTGOMERY WARD & CO., Chicago, Ill.

NAMCO MFG. CO., INC., 142 W. 26th Street, New York, N. Y.
NATIONAL CO., 61 Sherman Street, Malden, Mass.
NOBLITT-SPARKS INDUSTRIES. Columbus, Ind.

PACENT ENGINEERING CORP., 79 Madison Ave., New York City.
PACIFIC RADIO CORP., 844 W. Adams Street, Chicago, Ill.
PACIFIC RADIO CORP., 5016 S. Main St., Los Angeles, Calif.
PACKARD BELL RADIO CO., 1318-22 S. Grand Ave., Los Angeles, Calif.
PATHE RADIO & TELEVISION CO., 1401 W. 11th Street, Los Angeles, Calif.

RECEIVER MANUFACTURERS

PATTERSON RADIO CO., 1320 S. Los Angeles Street, Los Angeles, Calif.
PER WAL RADIO & TELEVISION CO., 140 N. Dearborn Street, Chicago, Ill.
PETER PAN RADIO MFG. CO., 1487 W. Adams Street, Los Angeles, Calif.
PHILCO RADIO & TELEVISION CORP., Tioga & C Streets, Philadelphia, Pa.
PHILMORE MFG. CO., 113 University Place, New York, N. Y.
PIERSON DeLANE, INC., 2345 W. Washington Blvd., Los Angeles, Calif.
PILGRIM ELECTRIC CORP., 138 Fifth Ave., New York, N. Y.
PILOT RADIO CORP., 37-06 36th Street, Long Island City, N. Y.
PLA-PAL RADIO & TELEVISION CO., 230 E. Ohio Street, Chicago, Ill.
PORT-O-MATIC CORP., 50 E. 77th St., New York, N. Y.
PRESTO RECORDING CORP., 242 W. 55th St., New York City.

RADIOBAR CO. OF AMERICA, Bruing & Olden Sts., Trenton, N. J.
RADIO CONSTRUCTORS LABS., 136 Liberty Street, New York, N. Y.
RADIO MFG. ENGINEERS, INC., 111 Harrison St., Peoria, Ill.
RADIOMARINE CORP. OF AMERICA, 75 Varick St., New York City.
RADIO PRODUCTS CORP., 3825 W. Armitage St., Chicago, Ill.
RADIO PRODUCTS SALES CO., 238 W. 15th Street, Los Angeles, Calif.
RADIO SUPPLIES, 125 E. 46th Street, New York, N. Y.
RADIO TRANSCEIVER LABS., 86-27 115th St., Richmond Hill, N. Y.
RADIO WIRE TELEV., INC., 100 6th Avenue, New York City.
RADOLEK CO., 601 W. Randolph Street, Chicago, Ill.
RCA MFG. CO., Front & Cooper Streets, Camden, N. J.
RECORDING EQUIPMENT MFG. CO., 611 Sunset Boulevard, Hollywood, Calif.
REGAL AMPLIFIER MFG. CORP., 14-16 W. 17th St., New York, N. Y.
REMLER CO., LTD., 2101 Bryant Street, San Francisco, Calif.
REXTRON RADIO CORP., 1217 W. Washington Boulevard, Chicago, Ill.
ROYALE RADIO MFG. CO., 2313 W. Pico Street, Los Angeles, Calif.

SARA CO., J. & L., 123 Liberty Street, New York, N. Y.
SARGENT CO., E. M., 212 9th Street, Oakland, Calif.
SAVIL RADIO ENGINEERING CORP., 71 Grand Street, New York, N. Y.
SCOTT RADIO LABORATORIES, INC., E. H., 4450 Ravenswood Ave., Chicago, Ill.
SEARS, ROEBUCK & CO., 925 S. Homan Street, Chicago, Ill.
SENGBUSH SELF-CLOSING INKSTAND CO., 2218 Claybourn Street, Milwaukee, Wis.
SENTINEL RADIO CORP., 2222 Diversey Parkway, Chicago, Ill.
SETCHELL-CARLSON MFG. CO., INC., 2233 University Street, St. Paul, Minn.
SILLCOX RADIO & TELEV. CORP., 60 Wall Tower, New York City.
SILVER MARSHALL MFG. CO., 2611 S. Indiana Avenue, Chicago, Ill.
SIMPLEX RADIO CO., Monroe & King Streets, Sandusky, Ohio.
SKY CHIEF RADIO CORP., 345 E. 37th St., New York City.
MAXWELL SMITH CO., 1027 N. Highland Ave., Hollywood, Calif.
SONORA ELEC. PHONOGRAPH CO., INC., 132 W. 22nd St., New York, N. Y.
SONORA RADIO & TELEV. CORP., 2626 W. Washington Blvd., Chicago, Ill.
SPARKS-WITHINGTON CO., E. Ganson Avenue, Jackson, Mich.
SPIEGEL, INC., Chicago, Ill.
STEWART-WARNER CORPORATION, 1826 Diversey Parkway, Chicago, Ill.
STROMBERG-CARLSON TELE. MFG. CO., 100 Carlson Road, Rochester, N. Y.

TEFFT RADIO CO., Plymouth, Mich.
TELEVISIO COMPANY, 341 N. Pulaski Rd., Chicago, Ill.
TRAV-LER RADIO & TELEVISION CORP., 1036 W. Van Buren St., Chicago, Ill.
TREBOR RADIO CO., Pasadena, Calif.
TROY RADIO TELEV. CO., 1144 S. Olive Street, Los Angeles, Calif.

ULTRAMAR MFG. CORP., 303 W. Monroe Street, Chicago, Ill.
UNITED AMERICAN BOSCH CORP., 3664 Main Street, Springfield, Mass.
UNITED CINEPHONE CORP., 43-37 33rd St., Long Island City, N. Y.
UNITED MOTORS SERVICE, 3044 Grand Boulevard, Detroit, Mich.
UNIVERSAL BATTERY CO., 3410 S. La Salle Street, Chicago, Ill.
UNITED STATES TELEV. MFG. CORP., 220 E. 51st St., New York City
UNIVERSAL TUBE MFG. CO., 62 Kingston Avenue, Brooklyn, N. Y.

WARWICK MFG. CO., 1700 W. Washington Boulevard, Chicago, Ill.
WATTERSON RADIO MFG. CO., Box 54, Dallas, Texas.
WELLS-GARDNER & CO., 2701 N. Kildare Avenue, Chicago, Ill.
WESTERN AUTO SUPPLY CO., 2107 Grand Street, Kansas City, Mo.
WESTERN COIL & ELECTRICAL CO., 215 State Street, Racine, Wis.
WESTINGHOUSE ELECTRIC SUPPLY CO., 150 Varick Street, New York, N. Y
WHITE WIND ELECTRIC CO., 2300 E. Douglas Avenue, Wichita, Kansas.
WILCOX ELEC. CO., INC., 4014 State Line, Kansas City, Kans.
WILCOX-GAY CORPORATION, Charlotte, Mich.

ZENITH RADIO CORPORATION, 6001 Dickens Ave., Chicago, Ill.
ZEPHYR RADIO CO., 13139 Hamilton Ave., Detroit, Mich.

ALIGNMENT PRECAUTIONS

The routine service alignment of a radio receiver is well understood by most radio servicemen. Occasionally, however, we encounter servicemen who have either forgotten some of the most important steps in aligning a receiver, or are careless and are neglecting them. Three things fundamentally important in aligning a receiver are: first, a good test oscillator provided with good attenuation is absolutely essential; second, an output meter or other indicating device must be employed; third, the level of the signals sent into the receiver must be at a minimum which will give satisfactory indications.

Before attempting to align any special receiver, it is very necessary that the original factory service instructions for that receiver be consulted. This information usually shows the frequencies at which the receiver is to be aligned, together with any special precautions which are necessary for the receiver in question. This material has been prepared by the engineers who designed the receivers, who are in a better position to know the difficulties attendant on proper operation and alignment.

When the receiver is being aligned it is necessary that the input signals be kept at as low a value as possible. This is especially true in receivers employing automatic volume control circuits. If the signal intensity is strong enough so that a-v-c action takes place, then the selectivity of the receiver will apparently be decreased. As we approach resonance by alignment the output signal will tend to rise, causing a-v-c voltage to develop, which in turn will reduce the sensitivity of the receiver. Thus, over a considerable range of adjustment of the trimmer condenser, the output will remain constant. Therefore, it is necessary to operate below this point of a-v-c action. In receivers which are not equipped with automatic volume control, it is not as important to maintain such a low input signal, but care must be taken that signals are not employed which will cause overloading of any of the stages of the receiver, since this will give a false result.

It is extremely important to know exactly the proper intermediate frequency at which the intermediate amplifier circuits are to be realigned. It is not sufficient to assume that the i-f frequency is 175 KC, when actually it may be 172.5 or 177. The exact peak frequency for many makes of receivers is provided in this book. These data, or the original data supplied with the receiver, should be consulted in order to determine the proper intermediate frequency to which these amplifier circuits should be aligned. Unless the proper intermediate frequency is chosen, it is quite likely that the oscillator signal circuit will not align, with a result that the difference between these frequencies and the oscillator will be other than that of the i-f signal strength, and performance will suffer throughout the band or bands.

Whenever the circuits have been very far off resonance, it is best to check the adjustment several times. If this is not done, the adjustment of one circuit may have an effect on another circuit, with the result that after completely going through the receiver, some of the circuits which were first adjusted will now be found to be out of resonance. This procedure usually has to be repeated at least twice, in order to make certain that all circuits are in alignment.

The recommended procedure in aligning a receiver is as follows: first the intermediate amplifier should be realigned; next the signal circuit and oscillator should be aligned at the high frequency end of the band; finally, adjustment at the low frequency end of the band should be made with the series padding condenser, if one is provided. Final adjustment of the series pad in the oscil-

lator circuit is obtained by rocking the variable condenser until the maximum output is obtained.

If the precautions mentioned above are carried out, there is no reason why a good serviceman with the proper equipment should not be able to align a receiver to perform as perfectly as when it left the radio factory.

Determining Unknown I-F Peaks

Servicemen are often faced with the problem of aligning a superheterodyne receiver for which the correct i-f peak is not known. It is possible to determine the correct or approximately correct i-f peak by a simple procedure as follows: A signal from a signal generator should be fed into the grid of the last i-f tube, and the oscillator section of the tuning condenser should be shorted out to keep harmonics from the signal generator from feeding into the r-f amplifier. The frequency of the generator should then be varied between 550 kc and 100 kc, starting at 550 kc and slowly reducing the frequency until a signal is heard or is noted on the output indicator. The frequency setting of the generator at which the signal is heard is probably the i-f peak. However, a check should be made to determine that it is not a harmonic of the i-f peak by setting the signal generator at twice the frequency found. If no signal is heard, then the original frequency setting of the generator is the i-f peak. By setting the frequency of the generator at half the determined peak a signal should be heard, which acts as further proof of the i-f peak. Listed below are the various i-f peaks used in commercial receivers during the past several seasons:

KC	KC	KC	KC	KC
105	177.5	262	450	480
115	180	262.5	455	482
125	181.5	264	456	482.5
130	235	265	465	485
132	250	370	470	490
140	252	445	472.5	500
175	260			

The following are the intermediate frequencies for short-wave sets or converters:

560	680	840	1000	1525

SUBSTITUTING NEW TYPES FOR OLDER TUBES

The substitution of new tube types for old tube types in so called obsolete receivers is not in general recommended, particularly if the receiver is more than two or three years old. The sale of new receivers should be encouraged, rather than the idea of keeping the obsolete ones up to date. But, if the customer cannot afford to purchase a new receiver and desires to modernize his set by substituting the newer type of tubes for the original ones, the conscientious serviceman can do much to make a friend of his customer by providing him with this additional service and, at the same time, keep the customer from being discouraged with radio.

The remodernization of a receiver usually necessitates socket changes and circuit work, due to the fact that base connections for new tubes have changed because of additional elements or the rearrangement of elements. There are some late tube types, however, that can be used to directly replace similar older types. The use of types 56 and 76 to replace respectively types 27 and 37 is a good example of such a direct replacement. In some receivers it is possible to substitute one or more 56's for 27's, or 76's for 37's. In most changes of this kind the increased gain will cause instability and oscillation. Therefore, all tuned circuits should be realigned to compensate for the differences in tube capacities. In some receivers it may be found that a 100% substitution of these types is not possible.

Another example of the possibility of directly substituting types is the use of type 42 for type 41 in auto receivers. This change is often made to obtain somewhat higher output. The only appreciable difference in operating conditions is in the filament current drain. Types 41 and 42 are frequently replaced with the type 6B5. Such a change requires the grounding of the cathode terminal, since the 6B5 requires no cathode bias unless the plate voltage exceeds 325 volts. In some circuits, the cathode is regularly grounded and the grid return circuit is made to the low side of the power supply. In such receivers it is necessary to remove the grid return circuit and connect it to ground.

It is well known by this time that practically all metal tubes have glass tube counterparts, commonly called "G" and "GT" tubes, and almost all equivalent types in the metal, "G" and "GT" groups are interchangeable. Example: (6C5G or 6C5GT for 6C5, etc.) In interchanging these types it is necessary to proceed cautiously. When changing from metal to "G" or "GT" tubes, or vice versa, all tuned circuits must be aligned to compensate for the slight difference in tube capacities. When "G" or "GT" types are used to replace equivalent metal types, tube shields may be required, which should be grounded. It is true that some receivers will perform satisfactorily when either type is substituted for the other, without any adjustments or the use of shields; but in order to obtain maximum performance the circuit should be adjusted. Such circuit adjustments should be made with a good signal generator and some type of output indicating device.

Other changes similar to those outlined will present themselves to aggressive servicemen as popular current receivers become obsolete and new types of tubes appear. Anything a serviceman can do to keep receivers in his territory in good operating condition, and owners pleased with the quality of reception obtained, will be beneficial not only to himself but to the radio industry. A large number of listeners, using their sets every day, is an inducement to

program sponsors to maintain a high level of entertainment, which in turn encourages more listening. The modernizing of older receivers by substituting newer types of tubes, where this step will provide improved reception, is a valuable service to radio.

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TUBE TESTERS AND TUBE TESTING

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When radio tubes were first introduced, it was considered quite simple to test their value because the idea was that the tubes were satisfactory as long as they would light and play. As radio became more popular and the number of tube types increased, it became necessary to test them by more accurate means, so that the true operating value could be determined. This was not a great problem, since all of the early types were of triode or three element construction, used in detector or amplifier service. Most of the testers were designed to test these tubes as amplifiers and were reasonably satisfactory.

Since that time, however, the number of elements in tubes has increased until heptodes or seven element tubes are not uncommon. The increase in the number of elements and the various types of circuits in which the same tube may be employed makes it such that no longer can any single test be made which will determine whether a tube will operate in all of the various circuit applications. The ideal tube tester of today should be designed with a short tester and a circuit for testing the tubes, so that the readings will correlate with the performance in actual use. The last requirement can be met only through the use of costly meters and design, which prohibit its use by most servicemen. As a result, most of the present commercial tube testers are designed only to check for short circuits and to make a check which will indicate the difference between the tube under test and a standard reading for that particular type. Thus, it is impossible to evaluate the tubes in terms of performance in a receiver in most of today's tube testers. Because the present tube testers are limited in performance, it is often found that a tube may test satisfactorily, but that there are many applications where the tube will not be satisfactory in actual use. Actual operating tests in the circuits in which such tubes are to be used are the best indication of their value.

During the past few seasons emission or similar types of testers have been the most popular, due to the fact that they are simple to operate and not difficult to keep up to date, as new tube types have been added. The circuits of these testers are of the type mentioned above—those that indicate the difference between a tube under test and the standard reading for that particular type. When only one such test is made on a tube, variations may be expected when checking certain types, particularly when the tester limits are not calibrated to that make of tube. When it was found that a certain type of tube is not checking correctly, it is recommended that several tubes of that type be taken from the shelf and their readings averaged so that by resetting the tester limits the readings will fall within the mid-point of the "good" section.

The serviceman should not conclude that he requires a more elaborate tube tester than the standard commercial instrument available within his means. He should be wary of attempting to build for himself a "specialized" tester which promises to give more accurate or complete tests. Generally, home built testers prove not only expensive, but disappointing in use, since the great number of tube types makes it impractical to set tube limits that will be accurate for all types. Most manufacturers of tube testing equipment, through pre-

liminary work with tube manufacturers, and careful design, provide an instrument that is dependable and satisfactory for the need of the average serviceman. Moreover, thorough quality control in tube manufacturing provides a degree of uniformity which is sufficient to eliminate the need for specialized tests in the field.

The policy being followed by Sylvania with respect to tube engineering design and manufacturing practice is such as to contribute to the successful use of simplified tube testing methods. Some of the more important factors are the following:

Only one grade of radio tube is produced in the Sylvania factories.

No sacrifices with respect to tube quality are permitted. Rigid quality control extends to inspection of incoming materials, to parts manufactured in our own plants, and in each step of manufacture.

Sylvania facilities are very complete, including specialized factory test equipment, engineering test sets for complete characteristics check, adequate quality test sets for check on accuracy of factory tests, warehouse and customers' inspection test equipment. Life testing facilities are quite adequate, and are supplemented by various special arrangements for field test.

The tests to which Sylvania tubes are subjected include tests for characteristics, mechanical inspection, shorts and noise. In addition, daily selections are tested for various special characteristics, such as interelectrode capacity, back emission, etc. A simplified test circuit, such as that proposed for standardization by the Engineering Division of the Radio Manufacturers Association, thus appears quite practical. The precautions followed today in tube tester design and the cooperation between tube manufacturers and tester manufacturers, together with advanced tube manufacturing methods, simplify tube testing in the field.

FUNDAMENTAL ELECTRICAL LAWS

OHM'S LAW.

When a continuous current is flowing thru a given conductor, whose temperature is maintained constant, the ratio of the potential difference or voltage existing between the conductor terminals and the current carried by the conductor is a constant, no matter what the value of the current may be. The mathematical formulae for Ohm's Law may be expressed in the following forms.

$$R=\frac{E}{I} \qquad I=\frac{E}{R} \qquad E=IR$$

Where R = resistance expressed in ohms
I = current expressed in amperes
E = potential difference or voltage in volts

A practical example is given to illustrate the use of Ohm's Law:

If the screen current for a certain tube is 2 milliamperes (0.002 ampere) what value of resistance should be used to reduce the screen voltage to 90 volts from a supply voltage of 250 volts?

Solution: The required voltage drop across the resistor would be 250−90 or 160 volts.

$$\text{Therefore} \quad R=\frac{E}{I}=\frac{160 \text{ volts}}{0.002 \text{ ampere}}=80{,}000 \text{ ohms}$$

POWER

Power is the time rate of doing work. Since energy is the ability to do work, power may also be defined as the time rate of expending energy. From the fundamental definitions of power, electromotive force and current it is easy to show that power may be computed from the following expression:

$$P = EI$$

If E is expressed in volts and I in amperes then the power P will be given in watts. Using values for E or for I from Ohm's Law, the above expression becomes either:

$$P=I^2R \qquad \text{or} \qquad P=\frac{E^2}{R}$$

If the first equation for power is used, the wattage rating of the resistor used for reducing the screen voltage may be computed.

$$P = EI = 160 \text{ volts} \times 0.002 \text{ ampere} = 0.32 \text{ watt.}$$

A 0.5 watt resistor should be employed.

RESISTORS CONNECTED IN SERIES AND IN PARALLEL:

When two or more resistors are connected in series, so that the same current flows through each resistor, the total effective resistance (R_t) of the network will be the sum of the separate resistances. Thus:

$$R_t=R_1+R_2+R_3+\ldots.$$

If a number of resistors are connected in parallel so that the voltage drop is the same across each resistor, then the current in each resistor will be inversely proportional to the resistances. The total effective resistance (R_t) of the network, will be given by:

$$1/R_t = 1/R_1 + 1/R_2 + 1/R_3 + \ldots.$$

For the case of two resistors in parallel:

$$R_t = \frac{R_1 R_2}{R_1 + R_2}$$

CALCULATION OF CONDENSERS IN SERIES AND IN PARALLEL:

When a number of condensers are connected in series, the total effective capacity (C_t) is computed from the relation:

$$1/C_t = 1/C_1 + 1/C_2 + 1/C_3 + \ldots.$$

For the case of two condensers connected in series this expression reduces to the form:

$$C_t = \frac{C_1 C_2}{C_1 + C_2}$$

The total capacity (C_t) of any number of condensers connected in parallel is the sum of the separate capacities:

$$C_t = C_1 + C_2 + C_3 + \ldots.$$

CALCULATION OF PROPER RESISTOR FOR SELF-BIASING:

From Ohm's Law

$$R = \frac{\text{Grid Bias in Volts} \times 1000}{\text{Total Cathode Current in Ma.} \times \text{Number of Tubes Involved}}$$

For triodes the total cathode current is equal to the plate current.

For tetrodes and pentodes the total cathode current is the sum of the plate and screen currents.

For pentagrid converters the plate, screen and oscillator anode currents must be added to obtain the total cathode current.

Example: What biasing resistor is required for two Type 42 tubes operated in push-pull with 250 volts applied to the plates?

The following data are taken from the characteristics shown for Type 42:

Grid Bias = 16.5 Volts
Plate Current = 34.0 Ma.
Screen Current = 7.5 Ma.
Total Cathode Current = 41.5 Ma.

$$\text{Hence: } R = \frac{16.5 \times 1000}{41.5 \times 2} = \frac{16500}{83} = 198 \text{ ohms}$$

When over-biased operation is employed the recommended bias resistor values will be specified under Ratings or Circuit Application notes for the tube type involved. A complete Bias Resistor Chart will be found in this Appendix.

SYLVANIA PANEL LAMPS

A complete line of Sylvania Panel Lamps, especially designed for radio dials, tuning meters, flash-tuning arrangements, and the like, is now available. A market for some types of these lamps will also be found in flashlights, parking lights, auto panel boards, record players, pin-ball machines, and wherever a miniature lamp of this style is required.

The early types of panel lamps were used primarily as on-or-off indicators in radio receivers. Present-day panel lamps must be constructed to withstand speaker vibrations, have noise-free operation, current drain within the required limit (particularly when used in ac-dc receivers and battery receivers), and to provide shadowless illumination. Sylvania radio panel lamps have been constructed for all these requirements.

The replacement of panel lamps should be made with lamps having the same type number. This is particularly true in tuning meters, battery, and ac-dc receiver replacements. Sylvania Type S47 is the same as other lamps marked 40A. Lamps marked 49A may be replaced with Sylvania Type S49. Type S292 is mainly for use in 2.5 volt receivers where the line voltage is high and when regular 2.5 volt lamps will not give satisfactory life.

The filament wires of all standard panel lamps are mounted through a small colored glass bead located above the bulb press. If the markings on the lamp to be replaced are not legible, the bead color may be used as identification, since the color identifies the lamp type. The bead color of each lamp is shown in the tabulated data below, and it will be noted that in some cases the bead colors identify more than one particular type of lamp. In these cases other means of identification will be required, such as comparison of bulb, base, and circuit voltage.

CHARACTERISTICS

Type No.	Circuit Volts	Design		Bead Color	Bulb Style	Miniature Base	Usual Service	Type No.
		Volts	Amp.					
S40	6-8	6.3	0.15	Brown	T-3¼	Screw	Radio Dials	S40
S41	2.5	2.5	0.50	White	T-3¼	Screw	Radio Dials	S41
S42	3.2	3.2	0.35	Green	T-3¼	Screw	Radio Dials	S42
S43	2.5	2.5	0.50	White	T-3¼	Bayonet	Radio Dials and Tuning Meters	S43
S44	6-8	6.3	0.25	Blue	T-3¼	Bayonet	Radio Dials and Tuning Meters	S44
S45	3.2	3.2	0.35	White	T-3¼	Bayonet	Radio Dials	S45
S46	6-8	6.3	0.25	Blue	T-3¼	Screw	Radio Dials and Tuning Meters	S46
*S47	6-8	6.3	0.15	Brown	T-3¼	Bayonet	Radio Dials	*S47
S48	2.0	2.0	0.06	Pink	T-3¼	Screw	Battery Set Dials	S48
*S49	2.0	2.0	0.06	Pink	T-3¼	Bayonet	Battery Set Dials	*S49
S50	6-8	7.5	0.20	White	G-3½	Screw	Auto Sets, Flash Lights	S50
S51	6-8	7.5	0.20	White	G-3½	Bayonet	Auto Sets, Auto Panels	S51
S55	6-8	6.5	0.40	White	G-4½	Bayonet	Auto Sets, Parking Lights	S55
S292	2.9	2.9	0.17	White	T-3¼	Screw	Radio Dials	S292
S292A	2.9	2.9	0.17	White	T-3¼	Bayonet	Radio Dials Coin Machines	S292A
S1455	18.0	18.0	0.25	Brown	G-5	Screw	Coin Machines	S1455
S1455A	18.0	18.0	0.25	Brown	G-5	Bayonet	Coin Machines	S1455A

*Sylvania Types S47 and S49 are interchangeable with Types 40A and 49A, respectively, in other brands.

TUBE COMPLEMENTS WITH I-F PEAKS AND PANEL LAMP DATA

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ABC RADIO LABORATORIES				
"ABC"				
100 S.W. Conv.	1	1-6A7	..	600
100A S.W. Conv.	1	1-6K8	..	600
200, 300 S.W. Conv.	1	1-6A7	40	600
400 S.W. Conv.	1	1-6A7	..	600
400A S.W. Conv.	1	1-6K8	..	600
500, 500A S.W. Conv.	2	1-6K7, 1-6K8	40	600
600 S.W. Conv.	2	1-6J7, 1-6K7	40	600
700 S.W. Conv.	2	1-6K7, 1-6K8	40	600
800 S.W. Conv.	2	1-6K7, 1-6K8	..	600
900 S.W. Conv.	1	1-6K8	..	600
A. C. DAYTON COMPANY				
"DAY-FAN"				
A-1, B-1	9	2-47, 1-55, 1-56, 2-57, 2-58, 1-80	..	TRF
A-3, B-3	7	2-36, 1-37, 2-38, 2-39/44	..	TRF
AC-63	6	4-26, 1-27, 1-71A	..	TRF
AC-65	6	1-10, 4-26, 1-27	..	TRF
AC-66	6	1-24A, 3-26, 1-27, 1-50	..	TRF
Navigator	9	6-27, 2-45, 1-80	..	TRF
3026	8	3-36, 3-37, 2-47	..	TRF
(Also see DAY FAN ELECTRIC Co.—Page 76)				
ACME MANUFACTURING COMPANY				
"MOTO-MIDGET"				
AC-7	7	4-26, 1-27, 1-71A, 1-80	..	TRF
AC-98	8	2-27, 3-24A, 2-45, 1-80	..	TRF
DeLuxe	6	1-36, 1-37, 2-41, 2-39/44	..	TRF
Motomidget	5	1-36, 1-37, 1-41, 2-39/44	..	TRF
Motomidget 5	5	1-76, 1-77, 2-78, 1-79	..	TRF
Motomidget 6	6	1-6A7, 1-58, 1-78, 1-84/6Z4, 2-85	..	Super
89, 198	8	3-24A, 2-27, 2-45, 1-80	..	TRF
"ACRATONE"				
(See FEDERATED PURCHASERS, INC.—Page 106)				
"ADMIRAL"				
(See CONTINENTAL RADIO AND TELEVISION CORPORATION—Page 66 or RADIO PRODUCTS CORPORATION—Page 190)				
ADVANCE ELECTRIC COMPANY				
"E"	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
Falk Superhet "B"	6	2-24A, 2-35/51, 1-47, 1-80	..	Super
Falk 77, 88, 89	6	3-24A, 1-27, 1-45, 1-80	..	TRF
"AIR CASTLE"				
(Also see SPIEGEL, INC.,—Page 229)				
9B 34	9	1-19, 4-30, 4-34	..	456
10M	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	370
11S 37	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	..	456
11X 37	10	1-6A7, 1-6D6, 1-6U5/6G5, 2-10A, 1-25L6G, 1-25Z5, 3-76, 1-L10C Resistor	..	456
12AC 37	12	2-5Y3G, 1-6A8G, 2-6C5G, 2-6F6G, 2-6H6, 2-6K7G, 1-6U5/6G5	..	465
14A 36	9	3-6D6, 2-41, 1-75, 2-76, 1-80	..	465
16R 37	16	2-5Z3, 2-6H6G, 4-6J5G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
22B 34	12	4-6D6, 3-42, 3-76, 2-80	..	456
AIR KING PRODUCTS COMPANY, Inc.				
"AIR KING"				
Atlas 5, 66	6	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	456
4 Comet	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
4T	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF

Continued on next page

AIR KING PRODUCTS COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
5T	4	1-6C6, 1-6D6, 1-25Z5, 1-42, 1-52H Resistor.	..	TRF
6E	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7.	..	456
6	6	2-47, 1-57, 2-58, 1-80.	..	TRF
7	7	2-47, 1-57, 3-58, 1-80.	..	TRF
7	7	2-47, 2-57, 2-58, 1-80.	..	175
9E	9	1-5Z4, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7.	..	456
11F	11	1-5V4G, 1-6A8G, 2-6C5G, 1-6F5G, 1-6H6G, 2-6K7G, 2-6N6G, 1-6U5/6G5.	47	456
16	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-340 Resistor.	..	TRF
21	4	1-6C6, 1-6D6, 1-38, 1-76.	51	TRF
22G	4	1-6C6, 1-6D6, 1-38, 1-76, 1-M90F Resistor.	51	...
22W, 23A	4	1-6C6, 1-6D6, 1-38, 1-76, 1-K90 Resistor.	51	TRF
23X	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT.	47	TRF
26	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-52H Resistor.	..	TRF
27, 28A	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
29	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-52H Resistor.	..	TRF
33, 60	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
37, 39	5	1-25Z5, 1-43, 2-77, 1-78.	..	456
40, 43	4	1-6C6, 1-6D6, 1-37, 1-38.	..	TRF
44	4	1-6C6, 1-6D6, 1-25Z5, 1-43.	..	TRF
47, 48	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
50	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-340 Resistor.	..	TRF
52, 54	5	1-47, 2-57, 1-58, 1-80.	..	456
57, 58	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
62, 66, 66C	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-340 Resistor.	..	456
67, 67C	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
70	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80.	..	456
72, 73	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-52H Resistor.	..	456
77	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25N6G, 1-25Z6G, 1-36HA Resistor.	51	456
88	4	1-6C6, 1-6D6, 1-38, 1-76.	..	TRF
100	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-52H Resistor.	..	TRF
142	4	1-6C6, 1-6D6, 1-38, 1-76.	51	TRF
155, 165	4	1-6J7, 1-6K7, 1-25Z5, 1-43, 1-55A1 Resistor	..	TRF
202	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-340 Resistor.	..	456
214	3	1-6C6, 1-6D6, 1-25A7, 1-K80F Resistor.	..	TRF
221	4	1-6C6, 1-6D6, 1-38, 1-76.	..	TRF
222	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5.	..	TRF
250	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43.	51	456
250B	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-76.	51	456
252, 257	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor.	51	455
260	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75.	..	456
261	5	1-5W4, 1-6A7, 1-6D6, 1-42, 1-75.	..	456
273	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25N6G, 1-25Z5, 1-6HA Resistor.	51	456
300	6	1-36, 1-37, 2-38, 2-39/44.	..	456
306	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-52H Resistor.	..	...
373	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25N6G, 1-25Z6G.	51	456
400	6	1-36, 1-37, 2-39/44, 1-85, 1-89.	..	456
403	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-340 Resistor.	..	456
403-1	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K36H Resistor.	..	456
424	4	1-6C5, 1-6J7, 1-6K7, 1-38.	..	TRF
502, 504, 506	6	1-5W4, 1-6A8G, 1-6K7G, 1-6N6G, 1-6Q7G, 1-6U5/6G5.	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AIR KING PRODUCTS COMPANY, Inc.—Continued				
522	4	1-6C6, 1-6D6, 1-38, 1-76, 1-K90 Resistor	51	TRF
528	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-52H Resistor	..	456
601, 602, 603, 604, 605, 606	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25N6G, 1-25Z5G, 1-6F Resistor	51	456
616, 666	5	1-6A8, 1-6K7, 1-25Z5, 1-43, 1-75, 1-55A1 Resistor	..	456
626, 666C	5	1-6A8, 1-6K7, 1-6Q7G, 1-25Z5, 1-43, 1-42A1 Resistor	..	456
688	5	1-6C6, 1-6D6, 1-6E5, 1-38, 1-76, 1-M84F Resistor	51	TRF
699	4	1-6C6, 1-6D6, 1-38, 1-76, 1-M49HG, 1-M55HG Resistors	51	TRF
700	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-M55HG Resistors	51	TRF
701	5	1-6C6, 1-6D6, 1-6E6, 1-25Z5, 1-43, 2-M30HG Resistors	51	TRF
704	6	1-6D6, 1-6E5, 1-25L6G, 1-25Z5, 1-76, 1-M42HG Resistor	51	TRF
705	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-M55HG Resistor	51	TRF
710, 715, 720	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-M49HG Resistor	51	456
721	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-M42HG Resistor	51	456
722	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-M49HG Resistor	51	456
723	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-M42HG Resistor	51	456
725	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25N6G, 1-25Z5, 1-75, 1-M42HG Resistor	51	456
725A	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 1-M42HG Resistor	51	456
730	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H5G, 1-2B Resistor	..	456
770, 771	6	1-6A7, 1-6D6, 1-6G6, 1-25Z5, 1-43, 1-75, 1-M49HG Resistor	51	456
801	5	1-6C6, 1-6D6, 1-6E5, 1-25L6G, 1-25Z5, 2-03G, 1-M49HG Resistors	51	TRF
805	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55HG Resistor	51	TRF
810	5	1-1V, 1-6A7, 1-6D6, 1-25L6G, 1-75	51	456
812	10	1-6A7, 1-6D6, 1-6U5/6G5, 2-25L6G, 3-25Z5, 1-75, 1-76, 2-M42HG Resistors	51	456
815	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
820	6	1-6A7, 1-6D6, 1-6E5, 1-25L6, 1-25Z6, 1-75, 1-M42HG Resistor	51	456
822, X822	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z6, 1-75, 1-M49HG Resistor	51	456
823	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-6V6G, 1-75, 1-80, 1-2BG Resistor	51	456
824	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-76, 1-M36HG Resistor	51	456
828	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-6V6G, 1-76, 1-80, 1-2BG Resistor	51	456
832	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
833	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-6V6G, 1-75, 1-80, 1-2BG Resistor	51	456
834	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-76, 1-M36HG Resistor	51	456
838	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-6V6G, 1-76, 1-80, 1-2BG Resistor	51	456
850	4	1-1D5G, 1-1D7, 1-1F5G, 1-1H6G, 1-2BG Resistor	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AIR KING PRODUCTS COMPANY, Inc.—Continued				
871, 880	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 1-M42HG Resistor	51	456
884	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 7-03G, 1-M17HG Resistors.	51	456
886	5	1-6C6, 1-6D6, 1-6E5, 1-38, 1-76, 1-M84F Resistor	51	TRF
890	10	1-6A7, 1-6D6, 1-6U5/6G5, 2-25L6, 3-25Z5, 1-75, 1-76, 2-M42HG Resistor	51	456
908	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	51	TRF
909, 912	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	455
910, 911	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
914	5	1-6D6, 1-6K8G, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
915, 915X	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-M42HG Resistor	51	456
920	8	1-6A7, 1-6D6, 2-25L6G, 2-25Z5, 1-75, 1-76, 1-M49HG, 1-M55HG Resistors	51	456
999A	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	51	TRF
1000	4	1-6C6, 1-6D6, 1-38, 1-76	51	TRF
1001	4	1-6C6, 1-6D6, 1-25Z5, 1-43	51	TRF
1001B, 1001 LW	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	51	TRF
1005	4	1-6J7, 1-6K7, 1-25Z5, 1-43, 1-55A1 Resistor.	51	TRF
1200	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-76, 6-03G, 1-M30HG Resistors	51	456
1400	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 7-03G, 1-M17HG Resistors	51	456
2000	4	1-6C6, 1-6D6, 1-38, 1-76	51	TRF
2001	4	1-6C6, 1-6D6, 1-25Z5, 1-43	51	TRF
2001B	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	51	TRF
2026	5	1-6A8, 1-6B6, 1-6K7, 1-25Z5, 1-43, 1-42A1 Resistor	..	TRF
2206, 2207	4	1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-M55HG Resistor	51	TRF
3901, 3905, 3906	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
3907	5	1-12F5GT, 1-12J5GT, 1-12K7GT, 1-35L6GT, 1-35Z5	47	455
3910	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
3912, 3914, 3916	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z5	47	455
3922, 3923	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	TRF
3950	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-50Z7G	47	455
3952, 3953	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	455
3980, 3989	6	1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6V6G, 1-6X5G	51	455
4000, 4000A	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
4001, 4002, 4007	6	1-6H4GT, 1-12A8GT, 1-12F5GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	455
4012, 4016	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-50Y6GT	47	455
4034	8	1-6U5/6G5, 1-12J5GT, 1-12J7GT, 1-12K7GT, 1-12K8GT, 2-50L6GT, 1-50Y6GT	47	455
4036	5	1-6A8, 1-6K7, 1-6Q7G, 1-25Z5, 1-43, 1-42A1 Resistor	..	...
4037	7	1-5Y3G, 1-6E5, 1-6H6G, 1-6J7G, 1-6K7, 1-6K8G, 1-6V6G	51	455
4080	6	1-6F5GT, 1-6H4GT, 1-12A8GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	455
4100	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AIR KING PRODUCTS COMPANY, Inc.—Continued				
4125	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
4126	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35L6GT 1-35Z5GT	47	455
4200	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
5000	6	1-6H4GT, 1-6K7GT, 1-6K8GT, 1-6V6GT, 1-6X5G, 1-12SJ7GT	51	455
8312	10	1-6A7, 1-6D6, 1-6U5/6G5, 2-25L6, 3-25Z5, 1-75, 1-76, 2-M42HG Resistors	51	456
9722, 9822, 9823, 9922	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
Z780B	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5. 1-M55HG Resistor	51	TRF
X825	5	1-6A7, 1-6D6, 1-6V6G, 1-75, 1-80	51	456
X826	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
X837, X837S	7	1-5Y3G, 1-6A8G, 1-6E5, 1-6F5G, 1-6H6G, 1-6K7G, 1-6V6G	51	456
X934	7	1-6D6, 1-6F5G, 1-6K8G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-76, 1-M36HG Resistor	51	456
X937	7	1-6D6, 1-6F5G, 1-6K8G, 1-6U5/6G5, 1-6V6G, 1-76, 1-80	51	456
X942	5	1-6D6, 1-6K8G, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
ALLIED RADIO CORPORATION "KNIGHT"				
AA	4	1-1A6, 2-1B4P, 1-1F4	..	456
AC4	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
AC5	5	3-24A, 1-45, 1-80	..	TRF
AM3	11	1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	456
AM4, AM458	12	2-5W4, 1-6A8, 1-6F5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
AM6, AM658	10	2-5W4, 1-6A8, 3-6K7, 2-6L7, 1-6Q7, 1-6U5/6G5	..	456
AM7	11	1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	456
AM7-57	9	1-5Z3, 3-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L49B Resistor	..	456
AM7, AM-757	10	1-6A7, 1-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5, 1-80	..	456
AM8, AM8-59	21	1-5N4G, 1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6F7, 1-6H6, 4-6K7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-85	..	456
AM8, AM859	19	1-5V4G, 2-5W4, 1-6A8, 1-6F5, 1-6F7, 1-6H6, 4-6K7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-85	..	456
AM458	12	2-5W4, 1-6A8, 1-6F5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
AU5	5	3-24A, 1-45, 1-80	..	TRF
AU10	4	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT	..	456
Audiola	6	1-37, 2-41, 1-57, 2-58	..	175
Audiola Auto	6	1-36, 2-39/44, 1-89, 1-BR., 1-Wunde	..	175
Audiola Auto	6	1-6A7, 1-37, 1-41, 1-75, 1-78, 1-84/6Z4	..	175
Audiola Auto	7	1-36, 1-37, 2-39/44, 1-79, 1-BR., 1-Wunde	..	175
AZ3, AZ393, Z347	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
AZ4, AZ482	7	1-1C6, 1-19, 3-30, 2-34	..	456
AZ5, AZ547, AZ593	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
A6	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	46	177.5
A6 Auto	6	1-6C6, 2-6D6, 1-89, 1-BR., 1-Wunde	..	177.5
A12-8, A22-8	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	46	456
A31F	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
A47HS, A56	4	1-6C6, 1-6D6, 1-43, 1-80	..	TRF

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ALLIED RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
A60	5	1-6C6, 2-6D6, 1-42, 1-80	..	465
A60B	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	175
A60B	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
A-71	5	1-6A7, 1-6D6, 1-42, 1-75, 1-89	..	456
A81	5	1-1B5/25S, 1-1C6, 1-19, 1-30, 1-34	..	465
A110	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-K55B Resistor	47	...
A128	5	1-5W4, 1-6A7, 1-6F6, 1-6K7, 1-6Q7	..	456
A228	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
A321	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
A681	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	465
A3281	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
A6372	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	46	465
A6372	6	1-5Y3G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K8G, 1-6N6G	..	...
A9870-1	6	5-01A, 1-71A	..	TRF
BAC	5	1-2A5, 1-55, 1-57, 1-58, 1-80	..	175
BA223	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G	47	456
Brunswick 17	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	TRF
B15	7	1-30, 2-31, 4-32	..	TRF
B101	5	1-0Z4, 1-6A7, 1-6D6, 1-41, 1-75	..	456
B101 Auto	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-84/6Z4	44	456
B102	6	1-0Z4, 1-6A8, 1-6F6G, 2-6K7G, 1-6Q7G	44	177.5
B102 Auto	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-84/6Z4	..	175
B127	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
B203, B223, BA222	5	1-6D8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-K49B Resistor	47	456
B227	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-49B Resistor	..	456
B660 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
B770, B780 Auto	7	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-84/6Z4	..	175
B880	8	1-0Z4, 1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-84/6Z4	44	175
B880	8	1-0Z4, 1-6A7, 1-6C5, 1-6D6, 1-6K7, 1-6R7, 2-6V6G	..	175
CL5	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6K7, 1-6L7, 1-6M6	..	456
CL6	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
CL583	7	1-5Z3, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
CL684	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
Comp.	4	1-12Z3, 1-36, 1-38, 1-39/44	..	TRF
CR178C-234, CR178BT-256	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
CR168BC-234	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	45	455
CR200XC-234	5	1-1A5G, 1-7A7G, 1-1H5G, 1-1N5G, 1-25Z6G	45	455
C101	5	1-0Z4, 1-6A7, 1-6D6, 1-41, 1-75	..	456
D	8	1-37, 1-42, 1-76, 3-78, 1-80, 1-85	..	465
DC5	5	5-01A	46	TRF
DC6, DC6-31	6	3-31, 3-32	..	TRF
DC6-29	6	1-00A, 4-01A, 1-12A	46	TRF
DC7	11	7-26, 1-27, 2-71A, 1-80	50	TRF
DC8	8	1-00A, 5-01A, 2-12A	40	TRF
DC150, DC150X	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75	46	456
DeLuxe Auto	6	1-37, 2-41, 1-57, 2-58	..	TRF
D-15	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	..	465
EA330	5	1-6K7, 1-6K8, 1-6Q7G, 1-25A6G, 1-25Z6G, 1-K49C Resistor	47	456
E9600	4	1-1V, 1-36, 1-38, 1-39/44	..	TRF
E9700	4	1-47, 1-57, 1-58, 1-80	..	TRF
E9707	5	1-47, 1-57, 2-58, 1-80	..	TRF
"F" W	8	1-37, 2-42, 3-78, 1-80, 1-85	..	456
F9541	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	456

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ALLIED RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
F9553	7	1-6A7, 1-37, 1-41, 2-78, 1-84/6Z4, 1-85	..	456
F9555	5	1-12A5, 1-57, 2-58, 1-80	41	TRF
FA, FA440, FA770	7	1-6J5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25A6G, 1-25Z6G, 1-6BK17E1 Resistor	47	456
"G" W	8	1-6A7, 2-6D6, 2-42, 1-75, 1-76, 1-80	..	456
GA, GA440, GA660, GA770, GA880	9	1-5Y3G, 2-6F6G, 1-6H6, 3-6J5G, 1-6K7, 1-6K8	47	456
HS203	12	1-5U4G, 1-6H6, 3-6J5G, 4-6K7, 1-6K8, 2-6V6G	40A	456
Kolster 6D	6	5-01A, 1-12A	40	TRF
Kolster 6D, A.C.	8	5-26, 1-27, 1-71A, 1-80	..	TRF
L4, L477, 6481	7	1-6A6, 1-6A7, 1-6D6, 2-42, 1-76, 1-80	..	456
L5	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
L7, M5	7	1-1C6, 1-19, 3-30, 2-34	..	456
L223	4	1-1C7G, 1-1D5GP, 1-1F7G, 1-1G5G	49	456
L567	7	1-5Z3, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
L668	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
L767, L783	7	1-1C6, 1-19, 3-30, 2-34	..	456
ML	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7, 1-6Q7	..	456
ML2	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
ML2, ML4, ML215A, ML266, ML481	6	1-6A7, 1-6F6, 1-6H6, 1-6K5G, 1-6K7, 1-80	46	456
ML4	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
ML215A	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
ML266	6	1-6A7, 1-6F6, 1-6H6, 1-6K5G, 1-6K7, 1-80	..	456
ML477	6	1-6A6, 1-6K8, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
ML481	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
M5, M551, M557	7	1-1C6, 1-19, 3-30, 2-34	..	456
M169	7	1-5Z4, 1-6A8G, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	456
M221	4	1-6A8G, 1-6G6G, 1-6K7, 1-6Q7G	47	456
M451	7	1-5W4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	456
M451	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
PA	5	1-1C6, 2-19, 1-30, 1-34	48	456
P-AC	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
P Batt. (1933)	5	2-32, 1-33, 2-34	..	456
P Batt. (1934)	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	456
P-DC	5	2-38, 2-39/44, 1-85	..	175
PF	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	465
Port. 6	6	6-X99	..	TRF
Port. Roamer	5	5-X99	..	TRF
PS100W, PS1001	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	40	455
Pydyne	7	4-26, 1-27, 1-50, 1-81	41	TRF
Pydyne, Polly	5	1-22, 1-26, 1-27, 1-71A, 1-80	..	TRF
P15H2, P15M3, P15X1	9	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
P-32V	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
P101	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	40	TRF
P200, P200-M3	8	1-6A7, 1-6B6G, 1-6U5/6G5, 1-25L6, 1-25Z6, 3-76, 3-10A Resistors	..	465
QA330, QA770	5	1-1H4G, 1-1J6G, 1-6D8G, 1-6L5G, 1-6S7G	49	456
QA, QA440, QA770	6	1-1H4G, 1-1J6G, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G	49	456
R	4	1-42, 1-77, 1-78, 1-80	..	TRF
RA, RA660, RA880	6	1-6K7, 1-6K8, 1-6Q7G, 2-25L6G, 1-25Z6G, 1-BK17E1 Resistor	47	456
RA, RA660, RA880	7	1-6J5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25L6G, 1-25Z6G, 1-BK17E1 Resistor	47	456
Radiola	5	2-30, 1-31, 2-32	..	TRF

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ALLIED RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RC181B6-329	4	1-1A7G, 2-1N5G, 1-1Q5G	..	455
RC189LC-234	6	1-6J5G, 1-6K8, 1-6SK7, 1-6SQ7, 2-25L6G	40A	455
RC199A-258	11	1-5Y4G, 3-6C5, 1-6H6, 2-6K6G, 1-6K8, 2-6SF5, 1-6SK7	44	455
RC204AE-246, RC204AE-256	5	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
Roamer	6	1-37, 2-41, 1-57, 2-58	..	TRF
Roamer Auto (1931)	6	2-12A, 3-24A, 1-27	..	TRF
Roamer Auto (1932)	5	2-12A, 3-24A	..	TRF
Roamer Auto (1933)	4	1-41, 1-56, 1-57, 1-58	..	TRF
R-21	5	2-30, 1-31, 2-32	..	TRF
SA120	12	2-46, 5-56, 2-57, 2-58, 1-80	..	175
Scout Auto	5	1-37, 1-41, 1-57, 2-58	..	TRF
S.G.5	5	1-22, 1-26, 1-27, 1-71A, 1-80	..	TRF
S.G.8	8	3-24A, 2-27, 2-45, 1-80	..	TRF
S.G.9	9	4-24A, 2-27, 2-45, 1-80	..	TRF
S.G.10	10	1-24A, 6-27, 2-45, 1-80	..	TRF
Simplex	7	3-24A, 1-27, 2-45, 1-80	..	TRF
SW-88	8	1-47, 2-56, 2-57, 2-58, 1-80	..	175
S7 Auto	7	1-6C6, 2-6D6, 1-37, 1-79, 1-BR., 1 Wunde	..	177.5
T	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
TB34, TB35	7	1-6A8G, 1-6J5G, 1-6K7, 1-6Q7G, 2-25L6G, 1-25Z6G	..	456
TD, TD440, TD770	7	1-6A8G, 1-6F6G, 2-6J5G, 1-6K7, 1-25L6G, 1-25Z6G	47	456
Temple	8	2-01A, 2-12A, 4-22	..	TRF
TF39	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
TJ69, TN61, TNF70	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TP106	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
TR53	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TS105	5	1-6A8GT, 1-6J5GT, 1-6K6GT, 1-25L6GT, 1-25Z6GT	47	456
TT64	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-80	47	456
TV48	4	1-12A8GT, 1-12SJ7GT, 1-35Z5GT, 1-50L6GT	47	456
TW49	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TX53	6	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25C6G, 2-25Z6G	47	456
TXF67	7	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-6U5/6G5, 1-25C6G, 2-25Z6G	47	456
TY54	7	1-6A8G, 1-6J5G, 2-6K6G, 1-6K7G, 1-6Q7G, 1-80	47	456
TZ, TZ56	12	1-6A8GT, 2-6F6G, 1-6SK7, 7-76, 1-80	44	456
U	5	1-25Z5, 1-38, 1-75, 1-77, 1-78	..	456
U	5	1-25Z5, 1-37, 1-38, 1-75, 1-78	..	456
UE	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
U6	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	..	456
U6B	6	1-6A7, 1-6C7, 1-6D6, 1-6F6, 1-75, 1-84/6Z4	..	456
U33	5	1-25Z5, 1-38, 1-75, 1-77, 1-78	..	456
U34	5	1-25Z5, 1-37, 1-38, 1-75, 1-78	..	456
V	4	1-25Z5, 1-43, 1-44, 1-77	..	TRF
X	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
XL	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
X8, X112	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
X112	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
X541	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75	..	456
X641, X718	6	1-1C6 2-30, 1-32, 1-33, 1-34	..	456
X813	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
Z2	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
Z442	7	1-1C6, 1-19, 3-30, 2-34	..	456
Z547	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
1P12EM2	6	1-6A8, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-41, 1-80	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ALLIED RADIO CORPORATION—Continued				
2A3, 2S3, 2S4	4	1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-L49C Resistor	..	TRF
3S3	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	..	465
4A	4	1-47, 1-57, 1-58, 1-80	..	TRF
4H1, 4H4, 4T	7	1-6A8, 1-6D6, 1-6K5G, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-76, 1-L49C Resistor	..	465
5B	5	1-47, 1-57, 2-58, 1-80	..	TRF
5D-501, 5D-566, 5D-567, 5D-568	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	456
5J-556, 5J-557, 5J-558	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	44	456
5L-153, 5L-159, 5L-561, 5L-562, 5L-563	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	456
5T Auto	5	1-41, 1-77, 2-78, 1-84/6Z4	..	175
5T Auto	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	456
5-15	5	1-19, 1-30, 1-32, 2-34	..	177.5
6A, 170-6A, 185-6A	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
6A55, 6A660	9	3-6D6, 2-41, 1-75, 2-76, 1-80	..	456
6K500	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	44	456
6P, 170-6P, 185-6P	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
6T Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
6/7	7	4-26, 1-27, 1-71A, 1-80	..	TRF
6-21-M1	4	1-1C6G, 1-1D5GT, 1-1H6G, 1-6U5/6G5	..	456
7S34	7	1-2A5, 2-56, 1-57, 2-58, 1-80	..	455
7T Auto	7	1-6A7, 1-37, 1-41, 2-78, 1-84/6Z4, 1-85	..	456
7/8	8	4-26, 1-27, 2-71A, 1-80	..	TRF
7-250	7	4-26, 1-27, 1-50, 1-80	..	TRF
7-250	7	4-26, 1-27, 1-50, 1-81	..	TRF
8A, 8A142, 8A534, 8A537, 8A538	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	44	456
8K, 175-8K, 1-90-8K	8	1-6A7, 1-6D6, 2-42, 1-75, 2-76, 1-80	..	456
8S33	8	1-47, 3-56, 1-57, 2-58, 1-80	..	177.5
8T, 8TAC-DC, 8TACE, 8TACW2	7	1-6A7, 1-6D6, 1-6K5, 1-6U5/6G5, 1-25A6, 1-25Z5, 1-76	44	465
8T, 8T160, 8T175, 8T180	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76	46	456
8/9	9	5-26, 1-27, 2-71A, 1-80	..	TRF
8-61, 8-91	9	2-24A, 4-27, 2-45, 1-80	..	TRF
9G, 9GA, 189-GA	9	1-5Y3G, 1-6A8G, 2-6F6G, 3-6J5G, 1-6Q7G, 1-6U7G	..	456
10S33, 10T	10	2-47, 3-56, 1-57, 3-58, 1-80	..	177.5
10/11	11	7-26, 1-27, 2-71A, 1-80	..	TRF
11A139, 11A144	16	1-5Z3, 1-6A8G, 7-6F6G, 5-6J5G, 2-6K7G	44	456
11AC-161	11	1-6A8, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-80	..	465
11S, 11SA, 195-11S	11	1-5Z3, 1-6A8G, 2-6F6G, 5-6J5G, 2-6K7G	..	456
11S3	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
12EH1, 12EN1	6	1-6A8, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-41, 1-80	..	465
12S33, 12T	12	2-46, 5-56, 1-57, 3-58, 1-83	..	177.5
14A72, 12A90	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	465
14A90	9	3-6D6, 2-41, 1-75, 2-76, 1-80	..	465
15, 15H2, 15M3, 15X1	9	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
15A1	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
16R, 16RA, 200-16R	16	2-5U4G or 5Z3, 2-6H6G, 4-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
17	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175

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ALLIED RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
17, 18	7	3-24A, 2-35/51, 1-47, 1-80	..	175
19A68	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	465
19A68	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	465
20A3, 20E3, 20E4	4	1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-L49C Resistor	..	TRF
21A	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	456
23	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
23S8	8	1-47, 3-56, 1-57, 2-58, 1-80	..	177.5
23S10	10	2-2A5, 3-56, 1-57, 3-58, 1-80	..	177.5
23S12	12	1-5Z3, 2-53, 5-56, 4-58	..	177.5
30A, 30A99	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
30MB3, 30ME5	6	1-6A5, 1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	46	465
30MC5	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
30N3, 31-W9	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	..	465
35H1, 35W8	6	1-6A7, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-25A6, 1-25Z5, 1-L49B Resistor	..	465
35XW7	5	1-6A7, 1-6D6, 1-6Q7, 1-25A6, 1-25Z5, 1-L49B Resistor	..	465
36H2, 36R1, 36W2	7	1-6A7, 1-6D6, 1-6K7, 1-6U5/6G5, 1-25A6, 1-25Z5, 1-76, 1-L49B Resistor	46	465
37B71	5	1-1A1/5E1, 1-1C6, 1-1H5, 1-33, 1-34	..	465
37B71	5	1-1A1/5E1, 1-1B5/25S, 1-1C6, 1-33, 1-34	..	465
39B, 39B71, 39B80X	7	1-1C6, 1-6/1, 1-19, 2-30, 2-34	..	456
39B, 39B77, 39B81	7	1-1C6, 1-6/1, 1-19, 2-30, 2-34	..	465
40H7, 40-41	6	1-6A7, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-41, 1-80	..	465
40MB1	7	1-6A7, 1-6D6, 1-6F5, 1-6U5/6G5, 1-25Z5, 1-43, 1-76, 1-L40S Resistor	..	465
41	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
41-14, 41-15	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
41PB-R1, 41PB-W2, 41W6	7	1-6A7, 1-6D6, 1-6K6, 1-6U5/6G5, 1-41, 1-76, 1-80	..	465
42H1, 42W5	8	1-6A7, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-25Z5, 2-43, 1-76, 1-10A Resistor	..	465
43W1, 43W10	11	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 2-43, 5-76	..	465
44H2, 44M3	9	1-5Y3G, 1-6A8, 2-6C5, 2-6F6, 1-6K7, 1-6U5/6G5, 1-76	..	465
45N3	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
46A, 46A95, 46A108	11	1-5Z4, 3-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6L7	46	456
46A72, 46A90, 46A105	12	1-5Z4, 3-6C5, 1-6F5, 2-6F6, 1-6H6, 3-6K7, 1-6L7	46	456
46A149, 46AE, 46ACE140, 46ATE151	8	1-6A7, 1-6C6, 2-6F6, 1-6K7, 1-6U5/6G5, 1-75, 1-80	..	465
46ACE, 46ATE, 47A90	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	465
47A72, 47A105	12	1-5Z4, 3-6C5, 1-6F5, 2-6F6, 1-6H6, 3-6K7, 1-6L7	..	456
52	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
52AE, 52ACE136, 52ATE150	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
55	5	1-22, 4-X99	44	TRF
55 Auto	5	1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	..	456
60, 60A	5	1-6C6, 2-6D6, 1-42, 1-80	..	TRF
60B, 60BC136, 60BY164	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
60BC, 60BT	6	1-1F6, 1-1K1, 1-6C6, 1-19, 1-30, 1-34	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ALLIED RADIO CORPORATION—Continued				
60BX44	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-50A2 Resistor	..	456
60M, 60MB2, 60MF1	7	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
61-88	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	..	465
65BC, 65BT	6	1-1C6, 1-1F6, 1-1K1, 1-19, 1-30, 1-34	..	465
66B, 66BCE, 66BTE	8	1-6A7, 1-6E5, 3-15, 1-19, 2-76	..	465
68BE, 68BCE140, 68BTE151	7	1-6A7, 1-6U5/6G5, 2-15, 1-19, 2-76	..	456
68CA, 68TC	6	1-6A7, 1-6B5, 1-6K7, 1-6Q7, 1-6U5/6G5, 1-80	..	56 45
69	6	1-6A8G, 1-6K6G, 2-6K7, 1-6Q7G, 1-6X5G	44	17
69UT, 69U147	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	..	TRF
70	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
72A73, 72ATE166, 72A165, 72AE, 72AT181, 72ATE166, 72ATE184	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
73S8	8	1-47, 3-56, 1-57, 2-58, 1-80	41	177.5
75B, 75B136, 75BT132	7	1-1C6, 1-1F6, 1-4/1, 3-30, 1-34	..	465
76A, 76ACE-161, 76AT-121	11	1-6A7, 1-6A8, 3-6C5, 2-6F6, 1-6H6, 2-6K7, 1-80	..	465
76A, 76AC161	11	1-6A8, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-80	..	465
78BE, 78BCE, 178, 78BTE-121, 78BTE-178, 88BTE-121	8	2-6AB5/6N5, 1-6D8G. 2-6L5G, 3-6S7G	..	465
80	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
80, 80CE, 8073	6	1-6D6, 3-6L5, 1-6S7, 1-19	..	465
80 Batt	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	465
80BT167	6	1-1C7G, 1-1D5GP, 1-1E5GP, 1-1G5G, 1-1H4G, 1-4/1	..	455
80BT168, 80BT185, 80BT186	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
82AC-182, 82ACE-182, 82ATE-183A, 82AE	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	465
86A, 86ACE-178, 86AE, 86ATE-189	8	1-5Y4G, 1-6A8G, 1-6C5G, 2-6K6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
88BCE, 88BCE-178, 88BE, 88BTE-196	8	1-6AB5/6N5, 1-6D8G, 2-6L5G, 3-6S7G, 1-19	..	465
90, 90CE, 9073	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
90AW	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	456
93L, 93LC-136, 93LT-183	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	465
95B, 95BC-182, 95BT-186, 99B	7	1-1C6, 1-1F6, 1-4/1, 3-30, 1-34	..	465
98AE, 98ATE-184	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	465
99T	9	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 3-6K7	..	465
100, 100X-184	5	1-6D8G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-41	..	465
101, 102 (1935)	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-84/6Z4	..	456
102	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	44	455
102 (1936)	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	44	175
106A	5	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ALLIED RADIO CORPORATION—Continued				
107ATE-175	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
114	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
118	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
118B, 118B167, 118B209, 118B234, 118B256, 118BT209, 118BT216, 118BT232	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
119B	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G	..	455
124AE	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	455
125ATE205, 125ATE234	6	1-6K7, 1-6K8, 1-6U5/6G5, 1-41, 1-75, 1-80	50	455
127B167, 127B234, 127BS232	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
127B256	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	455
128BT167	6	1-1C7G, 1-1D5GP, 1-1E5GP, 1-1G5G, 1-1H4G, 1-4/1	..	455
130B234	5	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7, 1-6T7G	..	455
140BE	7	1-6AB5/6N5, 1-6G6G, 1-6K8, 2-6S7, 1-6T7G, 1-6Z7G	50	455
143L205, 143L234	6	1-6C5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25L6G	50	455
144X, 144XTE205	5	1-6D6G, 1-6D8G, 1-6S7G, 1-6T7G, 1-6ZY5G	50	455
144-11A	8	1-5Z3, 1-6A8G, 2-6F6G, 2-6J5G, 2-6K7	51	456
144-16S, 925-16S	16	2-5Z3, 1-6F8G, 2-6H6G, 3-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	51	456
145ACE, 145ACE240, 145ACE258, 145AE, 145AEPH 145ACE240, 145ACE258	11	1-5Z3, 1-6AE6G, 2-6AF6G, 1-6C5G, 2-6K7, 1-6K8, 2-6L6, 1-6Q7G	50	455
145A209, 148A256, 149A256	5	1-6A7, 1-6K7, 1-6Q7G, 1-41, 1-80	44	455
150, 150-75	15	2-5Y3G, 1-6A8, 4-6C5, 2-6F6, 2-6H6, 3-6K7, 1-6U5/6G5	..	465
150-5Z, 155-5Z	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
150-6Y, 155-6Y	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75	44	456
150X, 171X	7	1-6A7, 2-6D6, 2-42, 1-75, 1-80	..	456
151BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
153-5LL, 1-59-5L	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75	50	456
155-CX, 171X	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
155-64	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L498J Resistor	..	456
160-5M	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
163U501	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L498 Resistor	44	455
165-5W	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	44	456
168BT407	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	48	455
170-6P	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	48	456
170-7M	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
171AS, 178BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
178BL	5	1-1A7G, 1-1H5G, 2-1N5G, 1-1Q5G	..	455
175BT217, 175BT411	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
176B, 176BC802, 178BTC415	6	2-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
185	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
186BTE415	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6T7G, 1-6S7G	47	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ALLIED RADIO CORPORATION—Continued				
189-9G	9	1-5Y3G, 1-6A8G, 2-6F6G, 3-6J5G, 1-6Q7G, 1-6U7G	51	456
189-9G	9	1-6A7, 1-6D6, 2-42, 1-75, 3-76, 1-80	..	456
189LT248	6	1-6J5G, 1-6K8, 1-6SK7, 1-6SQ7, 2-25L6G	47	455
190	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	456
190-8K	8	1-6A7, 1-6D6, 2-42, 2-75, 1-76, 1-80	..	456
195-11S, 11S	11	1-5Z3, 1-6A8, 2-6F6, 4-6J5, 1-6J7, 2-6K7	..	456
197X248	5	1-6D8G, 1-6G6G, 1-6S7, 1-6T7G, 1-6ZY5G	..	455
198ACE805, 198AE, 198ATE415	8	1-5Y4G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
199A, 199AC	11	1-5Y4G, 3-6C5, 1-6H6, 2-6K6G, 1-6K8, 2-6SF5, 1-6SK7	44	455
200X407	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-25Z6G	..	455
201XL	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z5GT	44	455
204ATE437	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
205-6Q	6	2-1A4T, 1-1A6, 1-1B1, 1-1G5G, 1-30	..	456
250	7	4-26, 1-27, 1-50, 1-80	..	TRF
264 (1932)	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	175
264 (1933)	6	1-47, 1-55, 1-57, 2-58, 1-80	..	175
320	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
321	5	1-6A7, 1-6F5, 1-6K7, 1-75, 1-80	..	465
321-TM2-811	5	1-6A7, 1-6F6, 1-6K7, 1-75, 1-80	..	465
371A	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
380-7H, 382-7H	7	1-6A7, 1-6D6, 2-41, 1-75, 1-76, 1-80	44	455
381A	5	1-1C6, 1-19, 1-30, 1-32, 1-34	..	456
412	6	1-6A8G, 1-6G6G, 1-6J5G, 1-6Q7G, 1-6U7G, 1-6ZY5G	..	456
462 Auto, 462S	5	1-6C6, 1-6D6, 1-6F7, 1-42, 1-84/6Z4	..	262.5
480	4	1-7B5/25S, 1-6A7, 1-34, 1-41	..	465
501	5	1-30, 2-32, 1-33, 1-34	..	456
501N3	4	1-6A7, 1-6C6, 1-25Z5, 1-43	46	TRF
502-6B, 503-6B, 510-6B	6	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U7G	..	456
505SW	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	177.5
511-8B	8	1-5Y3G, 1-6A8G, 2-6J5G, 2-6K6G, 1-6Q7G, 1-6U7G	..	456
512, 512-6D	6	1-6A8G, 1-6G6G, 1-6J5G, 1-6Q7G, 1-6U7G, 1-6ZY5G	..	456
513-5A, 514-5A, 515-5A	5	1-5Y3G, 1-6A7, 1-6D6, 1-41, 1-75	..	456
513-5A, 514-5A, 515-5A	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	47	456
516-5C, 517-5C, 520-5C, 521-5C	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z6G, 1-L55BG Resistor	..	TRF
516-5F, 517-5F, 520-5F, 521-5F	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	44	456
523-7G	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	44	456
523-4H, 524-4H, 525-4H, 526-4H	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	..	TRF
523-5E, 524-5E, 525-5E, 526-5E	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	44	456
569-5D	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75	44	456
576-5Q, 577-5Q, 1052-5R	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	44	455
601-G5	5	1-6A7, 1-6D6, 1-6Q7, 1-41, 1-80	44	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ALLIED RADIO CORPORATION—Continued				
602XW7	6	1-6A7, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-25A6, 1-25Z5	44	465
617	7	4-26, 1-27, 1-50, 1-80	..	TRF
633	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	465
666	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	252.5
666-6J, 667-6J, 668-6J	6	1-6A7, 1-6D6, 1-25L6, 2-25Z5, 1-75	44	455
680, 680T	6	1-1C6, 1-19, 3-30, 1-34	..	465
681	6	1-1C6, 1-15, 1-19, 2-30, 1-34	..	465
724	9	5-24A, 1-27, 2-45, 1-80	..	175
810	8	2-30, 2-32, 2-34, 2-49	..	175
810, 816-32V	7	1-25Z5, 2-37, 2-39/44, 1-79, 1-85	47	175
935-11A	11	1-5Z3, 1-6A8G, 2-6F6G, 5-6J5G, 2-6K7G	51	456
1005-7C	7	1-6A7, 1-6D6, 2-41, 1-75, 1-76, 1-80	44	455
1035-4Z	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
1036-5N	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-70L7GT	..	455
1094-11B, 1095-11B	11	1-5Z3, 1-6A8G, 2-6F6G, 5-6J5G, 2-6K7G	47	455
3280, 3280-T, 3280-73	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	46	465
3280-47	6	1-6A7, 1-6D6, 2-42, 1-75, 1-76	46	456
3281A	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
4052	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
4053	4	1-6C6, 1-6K7, 1-25Z5, 1-43, 1-50A2 Resistor	..	TRF
4215	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
5646	5	1-6A7, 1-6D6, 1-38, 1-48, 1-75	..	456
6055	5	1-6C6, 2-6D6, 1-42, 1-80	..	TRF
6246, 6246B	5	1-30, 2-32, 1-33, 1-34	..	456
6322	6	1-6A7, 1-6D6, 1-6F5, 1-25Z5, 1-43, 1-76, 1-L40C Resistor	..	465
6370, 6371A	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	465
6370A	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
6753B	6	1-1C6, 1-15, 1-19, 2-30, 1-34	..	465
6849	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	465
6946	5	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	465
6946	5	1-6A7, 1-6D6, 1-38, 1-75, 1-84/6Z4	..	465
6949	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	465
7139, 7140	7	1-6A7, 2-6D6, 1-41, 1-75, 1-76, 1-80	..	465
7471E62, 7371E174	8	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G, 1-6U5/6G5	..	465
7700, 7740, 7742	7	1-6C6, 1-6/1, 1-19, 1-30, 2-32, 1-34	..	465
7721	7	1-6C6, 1-19, 2-30, 1-32, 1-34, 1-6/1	..	465
9100, 9139-72, 9140	10	1-1C6, 5-30, 3-34, 1-6/1	..	465
"AMERICAN BOSCH"				
(See UNITED AMERICAN BOSCH CORP.—Page 246)				
AMERICAN FOUNDATION FOR BLIND, Inc.				
U	5	2-6C6, 1-6D6, 1-25Z5, 1-43	..	175
X	5	1-6C6, 2-6D6, 1-42, 1-80	..	...
30	5	2-6C6, 1-6D6, 1-25Z5, 1-43	..	175
AMERICAN TELEVISION AND RADIO COMPANY "ATR"				
Duo	6	1-36, 1-38, 2-39/44, 1-84/6Z4, 1-85	..	175
60	6	3-36, 1-37, 2-38	..	TRF
61	5	1-36, 2-39/44, 1-84/6Z4, 1-89	..	175
70	7	2-6A4/LA, 3-36, 1-37, 1-84/6Z4	..	TRF
AMRAD CORPORATION "AMRAD"				
AC-5	5	4-X99, 1-12A	..	TRF
AC-6, AC-6C	6	4-26, 1-27, 1-71A	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AMRAD CORPORATION—Continued				
AC-7	7	1-12A, 6-X99	..	TRF
AC-7, AC-7C	8	5-26, 1-27, 1-71A, 1-80	..	TRF
DC-6, DC-6C	6	5-01A, 1-12A or 71A	..	TRF
DC-7, DC-7C	7	6-01A, 1-12A or 71A	..	TRF
F516	5	1-6B5, 2-6D6, 1-76, 1-80	..	450
F-546	5	1-6A7, 3-15, 1-38	..	450
F616	6	1-5Z4, 1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6N6G	..	450
F626	6	1-5Z4G, 1-6A8G, 1-6C5G, 1-6J7G, 1-6K7G, 1-6N6G	..	450
S-522, S-522C	3	1-00A or 01A, 2-01A	..	TRF
S-533C, S-733	6	1-00A or 01A, 2-01A, 1-71A or 12A, 2-81	..	TRF
Sonato, Concerto	8	4-26, 1-27, 1-50, 2-81	..	TRF
70	6	1-10 or 50, 4-26, 1-27	..	TRF
81	7	3-24A, 2-27, 2-45, 1-80	..	TRF
84C, 84D	8	4-24A, 1-27, 2-45, 1-80	..	TRF
4050	5	1-00A or 01A, 4-01A	..	TRF
F. A. D. ANDREA, Inc.				
"ANDREA"				
CA5	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	470
PA7L, PA7S	7	1-6A7, 1-6B7, 3-6D6, 1-42, 1-80	40	470
1A5, 2A5, 5A5, 6A5	5	1-6A7, 1-6B7, 1-42, 1-78, 1-80	40	470
1A7, 2A7, 3A7, 4A7	7	1-6A7, 1-6B7, 3-6D6, 1-42, 1-80	40	470
1B6, 2B6, 3B6, 4B6	6	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-42, 1-80	40	470
1B8, 2B8, 3B8, 4B8, 5B8, 6B8, 7B8, 8B8	8	1-6A7, 1-6D6, 1-6F5, 1-6H6, 2-6K7, 1-42, 1-80	40	470
1C5, 2C5	5	1-6A7, 1-41, 1-75, 1-78, 1-80	40	470
1D6, 2D6	6	1-6A7, 1-6V6G, 1-76, 1-77, 1-78, 1-80	40	470
1D7, 2D7, 3D7, 4D7, 5D7, 6D7, 7D7, 8D7	7	1-5Y4G, 1-6A8G, 1-6F5G, 1-6H6G, 2-6K7G, 1-6V6G	40	470
1D8, 2D8, 3D8, 4D8, 5D8, 6D8, 7D8, 8D8	8	1-5Y4G, 1-6A8G, 1-6E5, 1-6F5G, 1-6H6G, 2-6K7G, 1-6V6G	40	470
1D10, 2D10, 3D10, 4D10, 5D10, 6D10, 7D10, 8D10, 9D10, 10D10	10	1-5V4G, 1-6A8G, 1-6C5G, 1-6F5G, 1-6H6G, 2-6K7G, 1-6U5/6G5, 2-6V6G	40	470
1E6, 2E6, 3E6, 4E6, 5E6, 6E6	6	1-5Y4G, 1-6F5, 1-6H6, 1-6K7, 1-6K8, 1-6V6G	40	470
1E8, 2E8, 3E8, 4E8, 5E8, 6E8, 7E8, 8E8, 9E8, 10E8	8	1-5Y4G, 1-6F5, 1-6H6, 2-6K7, 1-6K8, 1-6U5/6G5, 1-6V6G	40	470
2D5, 3D5, 4D5, 6D5, 7D5, 8D5	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	40	470
3E11, 4E11, 5E11, 6E11, 7E11, 8E11, 9E11, 10E11	11	1-5U4G, 1-6C5G, 1-6F5, 1-6H6, 3-6K7, 1-6K8, 1-6U5/6G5, 2-6V6G	40	470
6G61	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	455
11E6, 12E6, 14E6	6	1-5Y4G, 1-6F5, 1-6H6, 1-6K7, 1-6K8, 1-6V6G	40	470
21F5	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT, 1-25Z6GT	..	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
F. A. D. ANDREA, Inc.—Continued				
25G5	5	1-12K8, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	44	455
30G6	6	1-5Y3G, 1-6F5, 1-6H6, 1-6K7, 1-6K8, 1-6V6GT	44	455
33F6	6	1-6F5, 1-6H6, 1-6K7, 1-6K8, 1-25L6G, 1-25Z6G, 1-F6B Resistor	47	470
43F6	6	1-5Y3G, 1-6F5, 1-6H6, 1-6K7, 1-6K8, 1-6V6G	44	470
55	5	1-5Z3, 4-45	..	Amp.
62PX	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-XD5 Resistor	46	470
400, 401	4	1-6A7, 1-6F7, 1-41, 1-80	46	470
410, 411	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	...
500A, 501A	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	46	470
510, 511	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	46	470
520, 521	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-D5B Resistor	46	470
600	6	1-6A7, 1-6B7, 1-25Z5, 1-43, 2-78	46	470
605 Auto, 606 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
610, 612	6	1-6D8G, 1-6K6G, 1-6L5G, 2-6S7G, 1-6T7G	46	470
611, 613	7	1-6D8G, 1-6K6G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6X5G	46	470
626, 627, 628	6	1-6D8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6V6G	46	470
630, 631, 632, 633, 534, 535	5	1-6K7, 1-6K8, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-E6B Resistor	46	470
717, 719, 726, 727, 728	7	1-6D8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6V6G, 1-6X5G	46	470
1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410	11	1-6A8G, 1-6C5G, 1-6F5G, 1-6H6G, 2-6K7G, 1-6U5/6G5, 2-25L6, 2-25Z6G, 1-D14B, 2-D14BS Resistors	46	470
1530, 1531, 1533, 1534, 1535, 1536, 1537, 1538	12	1-6C5, 1-6F5, 1-6H6, 2-6K7, 1-6K8, 1-6U5/6G5, 2-25L6G, 2-25Z6G, 1-E15B, 2-E15BS Resistors	46	470
ANSLEY RADIO CORPORATION				
"ANSLEY DYNAPHONE"				
B1 (Before #162)	4	1-1A4T, 1-1A6, 1-32, 1-33	..	456
B1 (After #162)	4	1-1A4T, 1-1A6, 1-1B4P, 1-1F4	..	456
DA, D1, D1A	6	2-6C6, 2-25L6G, 2-25Z5	C7, 110V.	...
D1	4	1-25Z5, 2-48, 1-76	..	Amp.
D1 Later Type	6	2-6C6, 2-25Z5, 2-48	..	Amp.
D1, DB1	6	2-6J5GT, 2-25L6GT, 2-25Z6GT	C7, 110V.	
D3, D4, D6	5	2-6C6, 1-6D6, 1-25Z5, 1-43	40	175
D7	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	40	456
D9, D10, U10, D17, D18	6	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-25Z5, 1-43, 1-K36B Resistor	40	456
D9, D10, U10, D17, D18, After Dec. 1936	6	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 2-25Z6G, 1-BK23B Resistor	40	456
D9A, D10A	8	1-6K8, 1-6SF5, 1-6SK7, 1-6SQ7, 2-25L6GT, 2-25Z6GT	C7, 110V.	456
D12 Amp.	6	2-25Z5, 2-48, 2-76	..	Amp.
D12	6	1-6C6, 2-25L6G, 2-25Z5, 1-76	..	...
D14	15	1-6C5, 3-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 4-25L6, 4-25Z6	40	456
D16	6	2-6C6, 2-25L6G, 2-25Z5	C7, 110V.	

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ANSLEY RADIO CORPORATION—Continued				
D17, D18	6	1-6A8G, 1-6K7, 1-6Q7, 1-25L6, 2-25Z6, 1-BK23B Resistor	40	456
D20	6	2-6C6, 2-25L6G, 2-25Z5	C7, 110V.	...
D21, D22	12	1-6A8G, 1-6C5, 1-6K7, 1-6Q7, 4-25L6, 4-25Z6, 1-BK23B Resistor	40	456
D23	6	1-6A8G, 1-6K7, 1-6Q7, 1-25L6, 2-25Z5, 1-BK23B Resistor	40	456
D24	14	1-6C5, 3-6K7, 1-6Q7, 1-6U5/6G5, 4-25L6, 4-25Z6, 1-BK23B Resistor	..	456
D25	15	1-6C5, 3-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 4-25L6, 4-25Z6	..	456
D26	3	1-6J5GT, 1-25L6GT, 1-25Z6GT	C7, 110V.	...
D26	3	1-6C5, 1-25L6, 1-25Z6	..	...
MD1	5	1-30, 3-32, 1-71A	..	TRF
U1	8	4-24A, 1-27, 2-45, 1-80	40	TRF
U2	6	3-36, 1-37, 1-38, 1-80	42	TRF
U3	8	2-37, 2-38, 3-39/44, 1-80	40	175
U8	8	1-37, 3-39/44, 1-80, 1-85, 2-89	42	175
U10, U11	6	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 2-25Z6, 1-BK23B Resistor	..	456
Y11	6	1-6A8G, 1-6K7, 1-6Q7, 1-25L6, 2-25Z5, 1-BK23B Resistor	40	456
16A AC	8	2-2A3, 1-5U4G, 4-6J5GT, 1-45	C7, 110V.	...
16A AC-DC	10	2-6J5GT, 4-25L6GT, 4-25Z6GT	C7, 110V.	...
17A AC	8	1-5Y3G, 1-6K8, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6U6GT	C7, 110V.	456
17A AC-DC	9	1-6K8, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 2-25L6GT, 2-25Z6GT	C7,110V.	456
21A AC	12	2-2A3, 1-5U4G, 4-6J5GT, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-45	C7, 110V.	456
21A AC-DC	14	2-6J6GT, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 4-25L6GT, 4-25Z6GT	C7, 110V.	456
25A AC	14	2-2A3, 1-5U4G, 4-6J5GT, 1-6H6, 1-6K8, 1-6SF5, 2-6SK7, 1-6U5/6G5, 1-45	C7, 110V.	456
25A AC-DC	16	1-6H6, 2-6J5GT, 1-6K8, 1-6SF5, 2-6SK7, 1-6U5/6G5, 4-25L6GT, 4-25Z6GT	C7, 110V.	456
"APEX"—(See U. S. RADIO AND TELEVISION CORPORATION—Page 250)				
APPEL—HENDERSON				
4 Tube Port	4	2-32, 1-33, 1-36	..	...
5 Tube Battery	5	2-32, 1-36, 2-38	..	...
Silver King AC	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	...
Silver King DC	8	1-33, 5-36, 2-37	..	TRF
ARBORPHONE RADIO COMPANY				
"ARBORPHONE"				
45	8	4-26, 1-27, 2-71A, 1-80	..	TRF
"ARVIN"				
(See NOBLITT SPARKS INDUSTRIES—Page 174)				
ATCHISON RADIO MANUFACTURING COMPANY				
"ATCHISON"				
5	7	1-24A, 4-27, 1-45, 1-80	..	TRF
6	9	1-24A, 5-27, 2-45, 1-80	..	TRF
ATWATER KENT MANUFACTURING COMPANY				
"ATWATER-KENT"				
9, 19	4	4-01A	..	TRF
10, 20, 24	5	5-01A	..	TRF
12	6	6-01A	..	TRF
20 Comp	6	5-01A, 1-71A or 1-12A	..	TRF
21	5	5-V99	..	TRF
30, 33, 35, 48, 49	7	6-01A, 1-71A or 1-12A	..	TRF

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ATWATER KENT MANUFACTURING COMPANY—Continued				
32, 50	8	7-01A, 1-71A or 1-12A	..	TRF
36, 37, 37F, 37C, 38, 40, 42, 52, 56, 57	7	4-26, 1-27, 1-71A, 1-80	..	TRF
41	7	5-12A, 2-71A	..	TRF
43	8	2-12A, 4-26, 1-27, 1-80	..	TRF
44, 45	8	5-26, 1-27, 1-71A, 1-80	..	TRF
46, 53	8	4-26, 1-27, 2-71A, 1-80	..	TRF
47	9	5-26, 1-27, 2-71A, 1-80	..	TRF
55, 55C	7	2-24A, 2-27, 2-45, 1-80	..	TRF
55F	7	2-24A, 2-27, 2-71A, 1-80	..	TRF
60, 60C, 70, 74, 76, 72H	8	3-24A, 2-27, 2-45, 1-80	..	TRF
61, 61C, 67, 67C	7	2-12A, 3-22, 2-71A	..	TRF
66	9	3-24A, 2-27, 2-50, 2-81	..	TRF
81 Auto	7	3-36, 2-37, 2-38	..	TRF
81, 81B, 81C	7	3-36, 2-37, 2-38	..	TRF
82, 82F, 85, 85F	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	130
82D, 84D, 228D	6	1-33, 3-36, 2-37	..	130
82Q, 84Q, 85Q, 228Q	7	2-30, 4-32, 1-33	..	130
80, 80F, 83, 83F	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	130
84, 84F Early	6	3-24A, 1-27, 1-47, 1-80	..	130
84, 84F Late	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	130
85Q	7	1-30, 5-32, 1-33	..	130
86, 86F	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	130
87	9	3-27, 3-35/51, 2-47, 1-80	..	130
87D	8	2-33, 4-36, 1-37, 1-38	..	130
89, 89F, 89P, 99, 99F	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	130
90, 90F, 94, 94F, 567	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	130
91 Auto	9	3-36, 4-37, 2-38	..	260
91, 91C, 91B	9	3-36, 4-37, 2-38	..	260
92, 92F, 96, 96F, 228, 228F	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	..	130
93 SW	4	1-24A, 2-27, 1-80	..	1000
112	12	2-2A3, 1-2B7, 1-5Z3, 3-56, 5-58	..	472.5
126, 136, 556	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	264
135Z, 215Z	5	1-6A7, 1-43, 1-75, 1-78, 1-84/6Z4	..	264
145, 185A	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	264
155 1st	5	1-25Z5, 1-36, 1-39/44, 1-45, 1-85	..	262.5
155 2nd, 165 1st	5	1-25Z5, 1-39/44, 1-43, 1-75, 1-77	..	262.5
165 2nd	5	1-2A5, 1-2A6, 1-57, 1-58, 1-80	..	264
165Q, 525Q	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	264
168 Export	8	2-47, 1-55, 1-56, 3-58, 1-80	..	125 Export
188, 558	8	1-47, 2-56, 1-57, 3-58, 1-80	..	130
188F	8	1-47, 1-55, 1-56, 1-57, 3-58, 1-80	..	130
206	6	1-2A5, 1-2A6, 1-2A7, 2-58, 1-80	..	472.5
217, 427	7	1-2A5, 1-55, 1-56, 3-58, 1-80	..	264
217D, 427D, 667D	7	1-37, 2-43, 1-75, 3-78	..	264
237Q, 467Q	7	1-1C6, 1-1B5/25S, 1-19, 1-30, 2-34, 1-84/6Z4	..	475.5
246, 266	6	1-47, 1-55, 1-56, 1-57, 1-58, 1-80	..	262.5
260, 260F, 1st-2nd Type	8	2-47, 3-56, 4-58, 1-80	..	130
260, 260F 3rd Type	10	2-47, 1-55, 1-56, 1-57, 4-58, 1-80	..	130
275, 825	5	1-6A7, 1-25Z5, 1-39/44, 1-43, 1-75	..	264
285Q, 415Q	4	1-1C6, 1-30, 1-32, 1-34	..	450
286, 356	6	1-1A7, 1-2A5, 1-2A6, 2-58, 1-80	..	472.5
310, 510	10	2-2A5, 4-56, 3-58, 1-80	..	130
317, 337	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	472.5
318, 447	8	2-2A5, 1-2A7, 1-55, 3-58, 1-80	..	472.5
328	8	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 3-6K7	..	472.5
385Q, 625Q, 465, 655Q	5	1-1C6, 1-19, 1-30, 1-32, 1-34	..	264

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ATWATER KENT MANUFACTURING COMPANY—Continued				
387, 427Q	7	1-1A6, 3-30, 1-32, 2-34	..	264
416	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	..	264
424	4	1-39/44, 1-41, 1-75, 1-77	..	264
425, 665	5	2-2A5, 1-57, 1-58, 1-80	..	264
435	5	1-6A8, 1-6F6, 1-6K7, 1-75, 1-80	..	450
446	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	..	264
448	8	2-47, 1-55, 1-56, 3-58, 1-80	..	130
469	9	2-47, 3-56, 3-58, 1-80	..	130
469 2nd	8	2-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	130
469Q, 458Q	9	4-30, 2-32, 3-34	..	130
475, 735	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	264
480	10	2-47, 3-56, 4-58, 1-80	..	472.5
487, 577	7	1-2A5, 1-2A6, 1-2A7, 3-58, 1-80	..	472.5
509	9	2-2A5, 1-2A7, 1-55, 1-56, 3-58, 1-80	..	472.5
511	11	2-2A3, 1-2A7, 1-2B7, 1-5Z3, 3-56, 3-58	..	472.5
534	4	1-39/44, 1-41, 1-75, 1-77	..	450
545	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	450
555	5	1-47, 1-55, 1-57, 1-58, 1-80	..	262.5
558, 558D, 558Q	8	1-47, 1-55, 1-56, 1-57, 3-58, 1-80	..	130
559	9	2-2A5, 1-55, 5-58, 1-80	..	472.5
612, 812	12	3-46, 1-55, 1-56, 1-57, 4-58, 2-83	..	130
627	7	1-47, 1-55, 1-56, 3-58, 1-80	..	130
636, 756	6	1-36, 2-39/44, 2-41, 1-85	..	262.5
649	9	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 3-6K7	..	472.5
666	6	1-6A7, 2-6D6, 1-41, 1-84/6Z4, 1-85	..	264
711	11	2-2A3, 1-5Z3, 1-55, 2-56, 5-58	..	472.5
768Q, 978Q	6	1-6C6, 4-30, 1-34	..	472.5
776	6	1-6A7, 2-6D6, 1-41, 1-84/6Z4, 1-85	..	264
788	8	1-2A5, 1-2A6, 5-58, 1-80	..	272.5
808-A	8	1-2A5, 1-2A6, 4-58, 1-80, 1-5B	..	472.5
810	10	1-5Z4, 1-6A8, 1-6C6, 3-6F6, 1-6H6, 3-6K7	..	472.5
816, 926, 936	6	1-6A7, 2-39/44, 2-41, 1-85	..	264
854, 944	4	1-2A5, 2-57, 1-80	..	450
856, 976	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	264
Q Batt., D	7	2-12A, 3-22, 2-71A	..	TRF
AUDIOLA RADIO COMPANY (FAIRBANKS MORSE AND CO.)				
"AUDIOLA"				
Junior	5	3-24A, 1-45, 1-80	..	TRF
Junior #1, #2	6	3-24A, 1-27, 1-45, 1-80	..	TRF
SW Converter	2	1-24A, 1-27	..	...
S-4-32, 46	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
S-5	5	1-6C6, 2-6D6, 1-75, 1-89	..	177.5
S-6, Auto	6	1-6C6, 2-6D6, 1-89, 1-Wunde, 1-BR	..	177.5
S-7 Auto	7	1-6C6, 2-6D6, 1-37, 1-79, 1-Wunde., 1-BR	..	177.5
4 TRF	4	1-37, 1-77, 1-78, 1-80	..	TRF
5 Sh	5	1-25Z5, 1-43, 1-77, 2-78	..	TRF
6 Sh, 6 Jr	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	177.5
6-T, 6-B	6	1-00A, 4-01A, 1-12A	..	TRF
7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	177.5
7-T Super	7	1-36, 1-37, 2-39/44, 1-85, 1-89, 1-BR	..	177.5
8-B, 8-T	8	1-00A, 5-01A, 2-12A	..	TRF
9-T Super	9	1-24A, 3-27, 3-35/51, 1-45, 1-80	..	177.5
10-T Super	10	2-47, 2-56, 1-57, 4-58, 1-80	..	177.5
13-S-6	7	2-24A, 1-27, 1-35/51, 2-47, 1-80	..	177.5
13-S-9	8	1-24A, 3-27, 1-35/51, 2-47, 1-80	..	177.5
13-T-5, 23-T-5	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
23-S-7	6	1-36, 1-37, 2-39/44, 1-79, 1-85	..	177.5
23-S-8	8	1-24A, 2-27, 2-35/51, 1-47, 1-56, 1-80	..	456
23-S-8Q	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	177.5
23-S-8, 811	8	1-47, 3-56, 1-57, 2-58, 1-80	..	177.5
23-S-10	10	2-47, 3-56, 1-57, 3-58, 1-80	..	177.5
23-S-12	12	2-46, 5-56, 1-57, 3-58, 1-83	..	177.5
30B	7	2-24A, 2-27, 2-45, 1-80	..	TRF
31	7	3-24A, 1-27, 2-45, 1-80	..	TRF
31 Sh	9	4-24A, 2-27, 2-45, 1-80	..	177.5
32S-8-Q, 13-S-8	8	1-24A, 2-27, 2-35/51, 1-47, 1-80, 1-Wunde.	..	177.5

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AUDIOLA RADIO COMPANY—Continued				
32-S-11	11	1-24A, 4-27, 3-35/51, 2-47, 1-80	..	177.5
33-A-6	6	1-6C6, 2-6D6, 1-37, 1-89, 1-Wunde	..	177.5
33-S-5	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	456
33-S-6	6	1-36, 2-39/44, 1-89, 1-BR, 1-Wunde	..	177.5
33-S-6-B	6	1-19, 1-30, 1-32, 2-34, 1-Reg	..	456
33-S-7	7	1-2A5, 2-56, 1-57, 2-58, 1-80	..	456
33-S-8	8	2-2A5, 3-56, 1-57, 2-58	..	456
33-S-8 (32V.)	8	1-25Z5, 2-37, 3-39/44, 1-79, 1-85	..	177.5
33-S-10-SW	10	2-2A5, 1-55, 1-56, 1-57, 4-58, 1-80	..	456
33-T-4	4	1-37, 1-38, 1-77, 1-78	..	456
34-C	5	1-6A7, 1-6D6, 1-12Z3, 1-43, 1-75	..	456
34-S-5	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
34-S-5-LW	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	456
50, 51, 52-53	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
60, 70, 80	7	3-24A, 1-27, 2-45, 1-80	..	TRF
62, 72, 82	8	3-24A, 2-27, 2-45, 1-80	..	177.5
146 & 83	12	1-5Z3, 2-53, 5-56, 4-58	..	177.5
346, B6 Auto	6	1-6A7, 2-6D6, 1-51, 1-75, 1-84/6Z4	..	177.5
347	7	1-6A7, 2-6D6, 2-41, 1-84/6Z4, 1-85	..	177.5
506	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
527	5	5-01A	..	TRF
610	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	TRF
627	6	6-01A	..	TRF
710	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	177.5
810	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	177.5
816 (32 V.)	8	1-25Z5, 2-37, 3-39/44, 1-79, 1-85	..	177.5
829	8	4-26, 1-27, 2-71A, 1-80	..	TRF
914	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	177.5
2535 & 523	12	1-5Z3, 2-53, 5-56, 4-58	..	177.5
7330	7	2-24A, 2-27, 2-45, 1-80	..	TRF
8430	8	5-27, 2-45, 1-80	..	TRF
AUSTIN RADIO MANUFACTURING CORPORATION				
"AUSTIN"				
A	5	3-24A, 1-45, 1-80	..	TRF
J	6	4-24A, 1-45, 1-80	..	TRF
S	8	2-27, 3-24A, 2-45, 1-80	..	175
SP	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
AUTOCRAT RADIO COMPANY				
"AUTOCRAT"				
AA	4	1-1A6, 2-1B4P, 1-1F4	..	456
Autocrat 6	6	1-2A5, 1-55, 1-56, 1-57, 1-58, 1-80	..	175
Junior 4	4	1-47, 2-57, 1-80	..	175
4-LW, 4-SA	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
4-M	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
5 Auto	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	456
5C, 52, 52-SW, 53, 53-SW, 56-SW, 34-B	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50A2, 1-K55C Resistors	..	...
5-M, 61	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
5-SA	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
6-D-32	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	175
24BG	4	2-24A, 1-47, 1-80	..	TRF
25KS	5	3-24A, 1-47, 1-80	..	TRF
29	4	1-1D5G, 1-1D7G, 1-1G5, 1-1H6G	..	456
40-I	2	1-25B8GT, 1-70L7GT	..	TRF
41	6	1-36, 1-37, 2-39/44, 2-41	..	TRF
57C	4	1-47, 1-57, 1-58, 1-80	..	TRF
57, 57SW, 58, 58-SW	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
60	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6G	..	TRF
61-25L6	4	1-6D6, 1-6F5G, 1-25L6G, 1-25Z5, 1-K55B Resistor	40	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AUTOCRAT RADIO COMPANY—Continued				
80	5	1-47, 3-57, 1-80	..	TRF
90-SL	9	2-2A5, 1-2B7, 2-56, 1-57, 2-58, 1-80	..	175
91-I, 91-W	2	1-12B8GT, 1-35L7GT	47	TRF
94, 96	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT, 1-BK49B Resistor	47	455
98	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	455
101-0, 101-I	3	1-12SA7GT, 1-25D8GT, 1-70A7GT	..	455
101, 104	4	1-6F5, 1-6K7, 1-25L6, 1-25Z6	..	TRF
102-0, 102-I, 102-W, 103-0, 103-I, 103-W	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	51	455
105 Battery	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
106 Battery	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G	..	455
107-I, 107-W	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
109, 110, 112	6	1-5W4GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	47	455
113	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
114	7	1-5W4GT, 1-6K6GT, 2-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	47	455
115	8	1-12E5GT, 1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 2-40Z5/45Z5GT, 2-50L6GT	51	455
120	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z4GT	..	455
130	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-BM49B Resistor	..	455
131, 132	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	47	455
140, 143	5	1-12SA7, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	51	455
142	4	1-6D6, 1-6F5G, 1-25L6, 1-25Z5, 1-55A Resistor	..	TRF
144, 161	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
148	6	1-6AC5G, 1-6A7, 1-6D6, 1-75, 1-76, 1-80	..	455
152	6	1-1D5GP, 1-6D8G, 2-1H4G, 1-1J6G, 1-6T7G	..	455
168	7	1-6AC5G, 1-6A7, 1-6D6, 1-6U5/6G5, 1-75, 1-76, 1-80	..	455
323 Auto	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
359 Auto	6	1-6A8, 1-6K7, 1-6K7G, 1-6R7G, 1-6V6G, 1-6X5G	..	175
400	3	1-6C6, 1-6D6, 1-25A7G, 1-K80B Resistor	..	TRF
518, 530 Auto	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
618 Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
AUTOMATIC RADIO MANUFACTURING CO. "AUTOMATIC," "TOM THUMB"				
Automaster A5	5	1-41, 1-77, 2-78, 1-84/6Z4	..	TRF
Automatic DeLuxe	8	1-6A7, 2-6D6, 2-41, 1-75, 1-78, 1-84/6Z4	..	...
A-5, Auto Rola	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	480
B10, 10LW, 10P, 15, 20	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-BM55B Resistor	..	TRF
B30	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456
B35	4	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 1-BM49B Resistor	..	456
B40	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49C Resistor	..	456
B70	6	1-6A7, 1-6C6, 1-6D6, 1-25B6G, 1-25Z5, 1-76, 1-BM42C Resistor	..	456
B80, 80LW	7	1-6A7, 1-6C6, 1-6D6, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-76, 1-BM36C Resistor	..	456
B85	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-76, 1-BM36C Resistor	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AUTOMATIC RADIO MANUFACTURING CO.—Continued				
C4	3	1-6C6, 1-6D6, 1-25A7, 1-K79B Resistor	..	TRF
D5	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	TRF
E6	6	1-6A7, 1-6D6, 1-6E5, 1-42, 1-75, 1-80	..	456
Jr.	5	2-12A, 2-24A, 1-27	..	TRF
Jr. Twin Six	6	1-6C6, 2-6D6, 1-37, 1-41, 1-84/6Z4	..	TRF
J25, P25	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
J50	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	480
J60	6	1-6A7, 1-6E5, 1-41, 1-75, 1-78, 1-84/6Z4	..	480
J80	8	1-6A7, 2-41, 1-75, 1-76, 2-78, 1-84/6Z4	..	456
M10	5	1-6A7, 1-6D6, 1-6Q7, 1-41, 1-84/6Z4	..	456
M60	6	1-6A7, 2-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
M80	8	1-0Z4, 1-6A7, 2-6D6, 2-6N6G, 1-6Q7G, 1-76	..	456
P6, P70	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-75, 1-84/6Z4	..	456
P34, 35	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
P45	6	1-47, 1-57, 3-58, 1-80	..	...
S6	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor	..	456
SR	6	4-24A, 2-47	..	TRF
Sr. DeLuxe	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	...
T	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	...
Tom Thumb Auto	4	1-41, 1-77, 2-78	..	TRF
Tom Thumb Midget	6	4-24A, 1-45, 1-80	..	TRF
V45	6	1-24A, 3-35/51, 1-47, 1-80	..	TRF
40, 50	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
44, V46, C45, P46	6	4-24A, 1-47, 1-80	..	TRF
816, 818	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-BM55B Resistor	..	TRF
840, 850	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456
855	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-BM49B Resistor	..	456
878	8	1-6A7, 1-6C6, 1-6D6, 1-6U5/6G5, 1-25B6G, 1-25Z5, 2-76, 1-BM29C Resistor	..	456
892	10	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z5, 2-76, 2-Plug-in Resistors	..	456
910-325	5	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BM55B Resistor	..	TRF
911	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76, 1-BM49B Resistor	..	TRF
915	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456
920	5	1-6C6, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-BM49B Resistor	..	456
930, 935	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
933	4	1-6J7GT, 1-6K7GT, 1-25A6GT, 1-25Z6GT	..	TRF
940	3	1-6J7GT, 1-6K7GT, 1-25A7GT	..	TRF
950, 955	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
960, 960A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456
965	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BM55B Resistor	..	TRF
970, 975	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456
AUTO-VOX RADIO COMPANY				
"AUTO-VOX"				
66	6	1-41, 4-78, 1-84/6Z4	..	TRF
75	7	1-6A7, 1-41, 2-78, 1-79, 1-84/6Z4, 1-Wunde	..	175
80	5	1-6A7, 1-6B7, 1-41, 1-78, 1-84/6Z4	..	262
85	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	262

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AZTEC RADIO COMPANY				
"AZTEC"				
50	5	3-24, 1-47, 1-80	..	TRF
70	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
90	9	1-24A, 3-27, 3-35/51, 1-47, 1-80	..	Super
BALDER RADIO CORPORATION				
"BALDER"				
633C	6	2-33, 3-36, 1-37	..	TRF
635C	4	2-36/51, 1-47, 1-80	..	TRF
BALDWIN, NATHANIEL				
"BALDWIN"				
45	4	2-24A, 1-45, 1-80	..	TRF
47	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
80	8	4-24A, 1-27, 2-45, 1-80	..	TRF
BALKEIT RADIO COMPANY				
"BALKEIT"				
A3, A5, A7	8	2-12A, 5-27, 1-80	..	TRF
B-7, B-9	9	5-01A, 1-10, 1-50, 2-81	..	TRF
C	9	6-27, 2-45, 1-80	..	TRF
D-5	5	1-47, 1-56, 2-58, 1-80	..	TRF
DP	6	3-24A, 2-47, 1-80	..	TRF
E, SG	6	3-24A, 1-27, 1-45, 1-80	..	TRF
F	8	1-24A, 4-27, 2-45, 1-80	..	TRF
GT-16A	4	1-6C6, 1-6D6, 1-12Z3, 1-45	..	456
GT-18, GT-19B	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
GT-20, GT-200X	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
GT-33	6	1-1C6, 1-32, 1-33, 1-34, 2-43	..	456
GT-156BA	5	1-1C6, 1-30, 1-32, 1-33, 1-34	..	456
KP	5	3-24A, 1-47, 1-80	..	...
L	6	4-24A, 1-47, 1-80	..	Super
L-7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
L-8	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
M	4	2-24A, 1-47, 1-80	..	TRF
Super C	9	5-27, 1-35/51, 2-47, 1-80	..	Super
38	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
40, 42, 42-E	4	1-47, 1-57, 1-58, 1-80	..	TRF
41-A	5	1-6A7, 1-6D6, 1-6F5, 1-6F6, 1-80	..	456
45	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
48	4	1-6C6, 1-6D6, 1-25Z5, 1-38	..	TRF
52	5	1-47, 1-55, 2-58, 1-80	..	TRF
55	5	1-47, 2-57, 1-58, 1-80	..	Super
59	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
60, 70	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
69	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-85	..	456
85	8	2-47, 1-55, 1-56, 3-58, 1-80	..	Super
100, 742	10	2-45, 1-55, 3-56, 3-58, 1-82	..	175
Globe Trotter	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
BARKER BROTHERS				
"BARKER"				
L	10	2-46, 1-55, 2-56, 1-57, 3-58, 1-82	..	262
M	10	1-55, 2-56, 2-57, 2-58, 2-59, 1-82	..	262
P	7	1-55, 1-56, 1-57, 2-58, 1-59, 1-82	..	262
BELMONT RADIO CORPORATION				
"BELMONT"				
Series 40, 41	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
Series 40A, 41A	4	1-47, 1-57, 1-58, 1-80	..	TRF
45	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
45DC	4	2-36, 1-37, 1-38	..	TRF
50, 50A, 560	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
50B	5	2-24A, 1-35/51, 1-47, 1-80	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
BELMONT RADIO CORPORATION—Continued				
50C	5	1-47, 2-57, 1-58, 1-80	..	• 175
50F	5	1-12Z3, 1-36, 1-38, 2-39/44	..	TRF
51C, 51D	5	1-47, 2-57, 1-58, 1-80	..	175
55F	5	1-1V, 1-36, 1-38, 2-39/44	..	TRF
60	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	TRF
60DC	6	3-36, 1-37, 2-38	..	TRF
70	7	2-27, 3-35/51, 1-47, 1-80	..	175
70A, 71A	7	1-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	175
70B	6	2-36, 1-37, 1-38, 2-39/44	..	175
71C	7	1-2A5, 1-55, 1-56, 1-57, 2-58, 1-80	..	175
100	10	4-56, 1-57, 2-58, 2-59, 1-83	..	175
100	10	4-56, 1-57, 2-58, 2-59, 1-80	..	175
100A	10	2-47, 4-56, 1-57, 2-58, 1-80	..	175
110, 110SW	11	1-24A, 4-27, 3-35/51, 2-47, 1-80	..	175
151	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
274	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	..	465
280	5	1-6AB5/6N5, 1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	465
305	5	2-1D5G, 1-1D7G, 1-1G5G, 1-1F7G	..	465
306	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
345	5	1-1F5G, 1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G	..	465
346	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
350	5	1-5W4 or 5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	..	465
356	6	1-1J6G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G	..	465
361, 362	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	..	465
372	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	465
400	4	1-36, 1-39/44, 1-41, 1-56	..	TRF
401	4	1-2A5, 1-57, 1-58, 1-80	..	TRF
403	4	1-1A7G 1-1C5G, 1-1H5G, 1-1N5G	..	465
404	4	1-6D6, 1-6K6, 1-6S7, 1-6T7	..	465
404	4	1-1A6, 2-32, 1-33	..	465
407, 411	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	465
408	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	465
415	4	1-1A4T, 1-1A6, 1-1F4, 1-1F6	..	465
415-19, 415-42	4	1-1F5G, 1-6D8G, 1-6S7G, 1-6T7G	..	465
418	4	1-1A5G, 1-1A7G, 1-1H5G. 1-1N5G	..	465
420, 420 AC-DC	4	1-6D6, 1-12Z3, 1-38, 1-76	..	TRF
425, 425 AC-DC	4	1-6D7, 1-6E7, 1-25Z5, 1-43	..	TRF
430, 430 AC-DC	4	1-6D6, 1-12A5, 1-12Z3, 1-76	..	TRF
435	5	1-1C7G, 2-1D5G, 1-1F7G, 1-1G5G	..	465
440	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
444	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
450 DC	4	1-36, 2-38, 1-39/44	..	TRF
460	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1P5G	..	465
475	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
489	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	465
500B	7	1-5Y3G, 1-6J5, 1-6K6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
500 DC	5	1-36, 2-38, 2-39/44	..	TRF
501	5	2-1D5, 1-1D7, 1-1G5, 1-1H4	..	465
504	5	1-1F5G, 1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G	..	465
505	5	1-6D8, 1-6K6, 1-6S7, 1-6T7, 1-6ZY5G	..	465
505, 516	6	1-1C7, 1-1D5, 3-1H4, 1-1H6	..	465
507, 513	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-5459 Resistor	47	465
509	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT	..	455

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BELMONT RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
510, 511	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	47	465
517	5	1-6A7, 1-6K7, 1-41, 1-75, 1-80	..	465
518, 534	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
519	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	44	465
520, 521	4	1-6A8, 1-6J7, 1-25L6G, 1-25Z6G, 1-62A Resistor	..	465
521	4	1-6A8, 1-6S7, 1-25L6, 1-25Z6, 1-L55B Resistor	..	465
522-C	5	1-1A6, 1-30, 1-32, 1-34, 1-950	..	465
523-28, 523-42	5	2-1A4T, 1-1A6, 1-30, 1-950	..	465
523, 523B	5	2-1A4T, 1-1A6, 1-1G5, 1-30	..	465
524	5	1-1C7G, 2-1D5G, 1-1F7G, 1-1G5G	..	465
525, AC-DC, 540	5	2-6D6, 1-25Z5, 1-43, 1-75	..	456
526, 527, 529	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	51	465
531, 531B-DC	5	1-6A8, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G	44	465
533 (A & B)	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	465
539	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
540, 541, 545	5	2-6D6, 1-25Z5, 1-43, 1-75	..	456
544	5	1-6A7, 1-6B7, 1-6D6, 1-12Z3, 1-43	..	456
546	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-5459 Resistor	47	465
550	5	2-2A6, 1-2A7, 1-58, 1-80	..	456
550	5	2-1D5G, 1-1D7G, 1-1G5G, 1-1H4	..	465
551, 551B	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	465
553	5	1-6D8G, 1-6G6G, 1-6K7, 1-6T7G, 1-6ZY5G	40	465
555	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	456
556	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
566 Auto	5	1-6A8, 1-6K7, 1-41, 1-75, 1-84/6Z4	..	465
567, 577 Auto	5	1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	51	465
571	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	..	465
575	5	1-2A5, 2-57, 1-58, 1-80	..	175
577C	5	1-6K6, 1-6Q7, 1-6SA7, 1-6SK7, 1-6X5	51	465
577D, 579	5	1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5G	51	465
578	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
580 Auto	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	51	175
582, 582B, 583	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	44	465
585, 585 Series C	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
586J	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
588	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
589	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	44	465
602C	5	1-6A8, 1-6K7, 1-6R7, 1-25L6, 1-25Z6, 1-L49B Resistor	51	470
605 AC-DC	5	1-6A8G, 1-6K7G, 1-6R7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
606 AC-DC	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
611	6	2-1H4G, 1-1J6G, 1-6K8, 1-6S7G, 1-6T7G	40	465
612	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
616	6	1-5Y3G, 1-SA7, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6V6GT	44	455
625, 625 AC-DC	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	175
629	6	1-5Y3G, 1-6AC5G, 1-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
632 AC-DC, 633, 634, 644	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6, 1-L49B Resistor	44	465
635	6	1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
636A, 636B, 637	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465

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BELMONT RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
638, 642	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
650	6	1-6A7, 2-6D6, 1-25Z5, 1-42, 1-75	..	175
655	6	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G	44	465
660 Auto 1st	6	1-6A7, 2-6D6, 1-75, 1-84/6Z4, 1-85	..	175
660 Auto 2nd	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	..	175
661	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6X5G, 1-41	..	465
665, 765	6 or 7	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G, 1-6U5/6G5	44	465
666 Auto	6	1-6A8, 2-6K7, 1-6N6, 1-6Q7, 1-6X5	51	465
667	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	..	465
668	6	1-6A8, 2-6K7, 1-6N6, 1-6Q7, 1-6X5	..	465
670A Auto	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	50	175
670 Auto	6	1-6C6, 1-6D6, 1-42, 1-75, 1-78, 1-84/6Z4	..	175
671	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
677C	6	1-0Z4, 1-6A8, 2-6K7, 1-6Q7G, 1-6U5/6G5	..	465
677C	6	1-0Z4 or 6X5, 1-6A8, 2-6K7, 1-6Q7, 1-6V6	51	465
678A	6	1-6A8GT, 1-6J5GT, 1-6K7GT, 1-6N7G, 1-6SK7, 1-6SQ7	51	465
678C	6	1-6A8, 1-6J5G, 1-6K7, 1-6N7, 1-6Q7, 1-6SK7	50	465
684 AC-DC	5	1-6K7, 1-6K8, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-X149B Resistor	..	465
685, 686B	6	1-5Y3G or 5Z4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	..	465
688	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
690 Auto	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	175
691	6	1-5Y3G, 1-6C5G, 1-6F6G, 1-6K7G, 1-6L7G, 1-6Q7G	44	465
695	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
701	7	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G, 1-6U5/6G5	..	465
706-378, 391, 398	8	1-5Y3G, 1-6AB5/6N5, 1-6K8, 1-6L5G, 2-6S7G, 1-6SC7, 1-6T7G	44	465
706-378, 391, 398	7 or 8	1-5Y3G, 1-6AB5/6N5, 1-6K8, 1-6L5G, 1-6SC7, 2-6S7G, 1-6T7G	44	465
707-378, 391, 398	7	1-6K7, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25N6G, 1-25Z6G	44	465
708-378, 391, 398	7	1-5Y3G, 1-6K7, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6G	44	465
714	6	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G	..	465
729	7	1-5Y3G, 1-6J5GT, 1-6K6G, 1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
740, 741	7	1-5Y3G, 1-6A8G, 1-6C5, 2-6F6G, 1-6K7, 1-6Q7G	..	465
746	7	1-5Y3G or 5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
750	7	1-2A7, 2-45, 1-55, 2-58, 1-80	..	175
751	7	1-6AE6G, 1-6AF6G, 1-6G6G, 1-6K7, 1-6K8G, 1-6T7G, 1-6ZY5G	40	465
755	7	1-6B7, 1-6C6, 2-6D6, 1-42, 1-76, 1-80	..	465
761	7	1-5Y3G, 1-6A8, 2-6F6G, 1-6J5G, 1-6K7, 1-6Q7G	..	465
767	7	1-5Y3G, 1-6J5G, 2-6K6, 1-6K7, 1-6K8G, 1-6Q7G	44	465
770	7	1-6B7, 1-6C5, 1-6C6, 2-6K7, 1-42, 1-80	..	465
775	7	1-2A5, 1-2A7, 1-55, 3-58, 1-80	..	370
777 Series A, B	7	1-6C6, 2-6D6, 1-42, 1-75, 1-76, 1-80	..	465
778-A, 778-M	7	1-5Y3G or 5W4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7	..	465
786	7	1-5Y3G or 5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465

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BELMONT RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
791, 792, 793, 794.	7	1-12A8GT, 2-12Q7GT, 1-12SK7, 2-35L6GT, 1-35Z4GT	44	465
796	7	1-5Y3G, 1-6J5GT, 2-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
797	7	1-5Y3G, 1-6SA7, 1-6SK7, 3-6SQ7, 1-6V6GT	44	455
801	8	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
804-41	8	1-6AB5/6N5, 1-6D8G, 2-6L5G, 2-6S7G, 1-6T7G, 1-19	..	465
822	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
840, 842	8	1-5Y3G, 1-6A8G, 1-6C5, 2-6F6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	..	465
845	8	1-6C5, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 2-25A6, 1-25Z6	..	465
848 AC-DC	7	1-6C5, 1-6K7, 1-6L7, 1-6Q7, 2-25L6, 1-25Z6	..	...
849 AC-DC	8	1-6C5, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 2-25L6G, 1-25Z6	..	465
855	8	1-5Y3G, 1-6F6G, 1-6J7, 1-6J7G, 1-6K7, 1-6K7G, 1-6Q7, 1-6U5/6G5	..	465
856	8	1-5Y3G or 5W4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
860	8	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	465
867	8	1-5Y3G, 1-6J5G, 2-6K6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	44	465
878, 879	7	1-5Y3G or 5W4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7	..	465
880 Auto	8	1-6A6, 1-6A7, 2-6D6, 2-76, 1-84/6Z4, 1-85	51	465
880 Series A, B	8	1-6A6, 1-6A7, 2-6D6, 1-84/6Z4, 1-85	..	175
880 Series C	8	1-6A6, 1-6A7, 2-6D6, 2-76, 1-84/6Z4, 1-85	..	465
881	8	1-0Z4, 1-6A8G, 1-6C5, 2-6K7, 1-6R7, 2-6V6	..	465
888, 788	8	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
900	9	1-5Y3G, 2-6J5G, 1-6K6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	465
904	8	1-6AB5/6N5, 1-6D8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6ZY5G, 1-6Z7G	..	465
910	9	1-5Y3G, 1-6A8, 2-6F6G, 1-6J5G, 2-6K7, 1-6Q7G, 1-6U5/6G5	..	465
920	9	1-5Y3G, 1-6A8G, 2-6K6G, 2-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	..	465
1050	10	1-2A7, 2-45, 4-56, 2-58, 1-80	..	175
1070-N	10	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 2-6K7, 1-6L7	..	465
1075 Series A & B	10	1-5Y3G, 2-6J5G, 2-6K6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	44	465
1100	11	1-5Y3G, 1-6J5G1, 1-6SA7, 3-6SK7, 2-6SQ7 1 6U5/6G5, 2-6V6GT	44	455
1102	11	1-5Y3G, 1-6J5GT, 1-6SA7, 3-6SK7, 2-6SQ7, 1-6U5/6G5, 2-6V6GT	44	455
1125	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
1128, 1129	7	1-5Y3G, 1-6C5G, 1-6F6G, 1-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5	..	465
1133, 1134, 1135, 1139	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
1140	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G.	..	465
1141	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6K8G, 1-6Q7G	..	465
1142, 1143	7	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	..	465
1144	10	1-5Y3G, 2-6J5G, 2-6K6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	465
1170	11	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 2-6K7, 1-6L7, 1-6U5/6G5	..	465
1170B	11	1-5Z3, 1-6C5, 1-6F5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
BELMONT RADIO CORPORATION—Continued				
1171, 1172	11	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
1173, 1174	11	1-5Z3, 1-6C5, 3-6F6, 1-6H6, 1-6J5, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
1175	11	1-5U4G, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 1-6J5, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
"BOSCH"				
(See UNITED AMERICAN BOSCH—Page 246)				
BRANDES PRODUCTS CORPORATION				
"BRANDES"				
B10, B11, B12	7	5-27, 1-71A, 1-80	..	TRF
B15, B16	8	5-27, 2-45, 1-80	..	TRF
BREMER-TULLEY MANUFACTURING COMPANY				
"BREMER-TULLY"				
B-T6	7	6-01A, 1-12A	..	TRF
S-81, S-82	9	4-24A 1-27, 2-45, 1-80, 1-D110	..	TRF
6-35, 6-37	6	5-01A, 1-12A or 71A	..	TRF
6-36, 6-38, 8-13, 8-17	6	1-10, 4-26, 1-27	..	TRF
7-70, 7-71M, 7-71P, 770, 771	8	3-26, 2-27, 2-71A, 1-80	..	TRF
8-12, 8-16	7	6-01A, 1-12A or 71A	..	TRF
8-22, 820, 821	8	2-10, 3-26, 2-27, 1-81	..	TRF
80	7	1-30, 2-31, 4-32	..	TRF
81, 82	8	5-27, 2-45, 1-80, 1-105 Resistor	..	TRF
83-A	8	4-24A, 1-27, 2-45, 1-80, 1-D126 Resistor	..	TRF
640, 641	7	4-26, 1-27, 1-71A, 1-80	..	TRF
BRETING RADIO MANUFACTURING COMPANY				
"BRETING"				
6	6	1-5W4, 1-6C5, 1-6J8G, 1-6K6G, 1-6K7, 1-6SQ7	..	432
9	9	1-6C5, 1-6F6G, 2-6J7, 3-6K7, 1-6Q7, 1-80	..	432
12	12	1-5Z3, 2-6B7, 1-6C6, 5-6D6, 3-42	..	...
14AX	14	1-5Z3, 1-6B8, 3-6F6G, 1-6H6, 3-6J7, 4-6K7, 1-6L7	..	432
40	14	1-5Z3, 1-6B8, 1-6C5, 3-6F6G, 3-6J7, 5-6K7	..	432
BROWN AND MANHART				
8 Tube	8	3-36, 3-37, 2-38	..	TRF
44	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	TRF
50	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
55	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
BROWNING-DRAKE CORPORATION				
"BROWNING-DRAKE"				
20	6	4-24A, 1-47, 1-80	..	TRF
34, 36, 38	8	5-26, 1-27, 1-71A, 1-80	..	TRF
40, 80	7	3-24A, 2-35/51, 1-47, 1-80	..	TRF
54	9	2-24A, 4-27, 2-45, 1-80	..	TRF
69	9	3-24A, 3-27, 2-45, 1-80	..	TRF
100	5	4-32, 1-33	..	TRF
Junior	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
BROWNING LABORATORIES, Inc.				
"BL", "BROWNING", "TOBE"				
BL-FM	5	1-6SA7, 2-6SK7, 1-6U5/6G5, 1-25A7	..	...
BL-M3	5	1-6AB5/6N5, 1-12SA7GT, 2-12SK7GT, 1-70L7GT	..	...
BL-50XP	1	1-6AC7/1852	..	...
Browning 36 GAW.	7	1-6A7, 2-6D6, 1-42, 1-75, 1-76, 1-80	46	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
BROWNING LABORATORIES, Inc.—Continued				
Browning 35 MAW	8	1-6A8, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	46	456
Browning 83	9	1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6SK7, 1-80	46	456
Tobe Communication G	7	1-6A7, 2-6D6, 1-42, 1-75, 1-76, 1-80	46	456
Tobe Communication M	8	1-6A8, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	46	456
Tobe PCA Converter AW	3	1-6A8, 1-6K8, 1-84/6Z4	46	550
5-10 Converter	1	1-6K8	46	...
43-A	7	1-6AC7/1852, 1-6H6, 1-6K8, 1-6SJ7, 2-6SK7, 1-80	46	3 M.C.
83	10	1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 1-80	..	456
BRUNSWICK RADIO CORPORATION				
"BRUNSWICK"				
P2, P9, P14	3	1-10, 1-81, 1-X99	..	Amp.
P3, P11, P13	4	1-10, 2-81, 1-X99	..	Amp.
PR6	7	1-71A, 1-80, 5-X99	..	Ref.-Super
PR16, PR46C, PR26C, PR36C	8	1-10, 2-81, 5-X99	..	Ref.-Super
PR17-8-R1, 3KRO, 5KR	7	4-26, 1-27, 1-71A, 1-80	..	TRF
PR28C, PR38C, PR48C, PR138C, PR148C	10	1-10, 2-81, 7-X99	..	Super
PR48C	8	1-20, 7-X99	..	Super
PR148C (DC)	11	4-71A, 7-X99	..	TRF
S-14, S-21, S-31, S-81, S-82	8	4-24A, 1-27, 2-45, 1-80, 1-D110 Resistor	..	TRF
3CN8, 5CN8, 5N0	9	7-27, 1-71A, 1-80	..	180
3KR8	8	4-26, 1-27, 1-50, 2-81	..	TRF
3NW8	11	8-27, 1-50, 2-81	..	Super
10	5	1-24A, 2-35/51, 1-47, 1-80	..	...
11, 12, 16, 33	7	3-24A, 2-35/51, 1-47, 1-80	..	Super
11, 12, 16, 33 (AVC)	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	Super
14, 21, 31	8	5-27, 2-45, 1-80	..	TRF
15 (Batt.)	7	1-30, 2-31, 4-32	..	TRF
15, 22, 32, 42	7	4-24A, 2-45, 1-80	..	TRF
15, 22, 32, (DC)	8	1-30, 3-32, 4-71A	..	TRF
17	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
17, 24, 25	10	3-24A, 2-27, 2-45, 2-47, 1-80	..	175
25	15	5-24A, 5-27, 2-35/51, 2-47, 1-80	..	175
42	7	4-24A, 2-45, 1-80	..	TRF
100	2	2-24A	..	...
BUICK MOTOR CAR COMPANY				
"BUICK"				
544245, 1291345 Air Mate	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
544246, 1291344 Air Chief	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	262
980393	7	2-36, 1-39/44, 1-84/6Z4, 1-85, 2-89	..	262
980455	5	1-6F7, 1-41, 1-75, 2-78	..	262
980459	6	1-6F7, 2-41, 2-78, 1-85	..	262
980507 Ranger, 980508 Headliner	6	1-6A6, 1-6A7, 2-6D6, 1-76, 1-85	..	262
980509 Master	5	1-6A7, 2-6D6, 1-42, 1-75	..	262
980525 Ranger, 980529 Headliner	6	1-6A6, 1-6A7, 2-6D6, 1-76, 1-85	..	260
980526 Master	5	1-6A7, 2-6D6, 1-42, 1-75	..	260
980534 Centerliner, 980535 Centerliner Dual	6	1-6A6, 1-6A7, 1-6D6, 1-6K7, 1-76, 1-85	..	260

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
BULOVA WATCH COMPANY				
"BULOVA"				
C-751	7	2-24A, 1-27, 2-35/51, 1-45, 1-80	..	175
M-501	5	1-24A, 2-35/51, 1-47, 1-80	..	175
M-701, G-781	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
600, 601, 605, 610	6	2-24A, 2-35/51, 1-47, 1-80	..	175
BUSH AND LANE PIANO COMPANY				
10	8	5-27, 2-45, 1-80	..	TRF
12	8	3-24A, 2-27, 2-45, 1-80	..	TRF
CADILLAC MOTOR CAR COMPANY				
"CADILLAC"				
O6W	6	2-41, 1-77, 2-78, 1-85	..	262
072, 2772	7	1-36, 1-37, 3-39/44, 2-41	..	262
55X	5	1-6B5, 1-6B7, 1-6J7, 2-6K7	..	175
56KB	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	..	175
56Q	6	1-6A6, 1-6B7, 1-6C6, 2-6D6, 1-41	..	175
56R	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
56R, 56S2	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
56T2	6	1-6B7, 1-6C6, 2-6D6, 2-42	..	262.5
56U2	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5
56V1	6	1-6B7, 2-41, 1-77, 2-78	..	262.5
2029, 2030	8	3-36, 3-37, 2-47	..	175
3002, 3010	5	3-24A, 1-27, 1-12A	..	TRF
3001	5	2-12A, 2-24A, 1-27	..	TRF
CALVERT MOTORS ASSOCIATES, LTD.				
"MOBILETTE"				
A40B	4	1-41, 1-77, 2-78	..	TRF
A50E	5	1-41, 1-77, 2-78, 1-84/6Z4	..	TRF
M40B	4	1-6C6, 2-6D6, 1-41	..	TRF
M50E	5	1-6C6, 2-6D6, 1-41, 1-84/6Z4	..	TRF
P43E	4	1-1V, 1-6C6, 1-6D6, 1-12A5	..	TRF
P44S	4	1-1V, 1-6A7, 1-6F7, 1-12A5	..	Super
CAPEHART DIVISION of Farnsworth Radio & Telev. Corp.				
"CAPEHART"				
K-2 Chassis, Models:				
12K2, 13K2, 18K2, 20K2, 111K2, 112K2, 113K2	15	3-5Y3G, 1-6C8G, 2-6J5GT, 1-6Q7, 1-6SA7, 2-6SK7, 1-6U5/6G5, 4-6V6G	44	455
K-3 Chassis, Models:				
12K3, 14K3, 17K3, 18K3, 19K3, 20K3, 111K3	11	2-5Y3G, 1-6J5GT, 1-6Q7, 1-6SA7, 2-6SC7, 2-6SK7, 2-6V6G	44	455
K-4 Chassis, Models:				
15K4, 16K4	10	1-5Y3G, 1-6J5GT, 1-6SA7, 2-6SK7, 3-6SQ7, 2-6V6G	44	455
1	9	2-47, 1-56, 2-57, 3-58, 1-80	..	...
10	10	2-47, 4-57, 3-58, 1-80	..	...
15	7	3-24A, 1-27, 2-45, 1-80	..	TRF
21	8	2-27, 3-35/51, 2-47, 1-80	..	...
103, 104 (Z)	11	2-2A5, 1-6A7, 2-37, 1-75, 1-77, 3-78, 1-80	..	465
200	11	2-47, 4-56, 1-57, 3-58, 1-80	..	...
400, 401, 402	13	3-27, 4-35/51, 4-45, 2-80	..	...
400 Early	13	1-24A, 2-27, 4-35/51, 4-47, 2-80	..	...
400-A	13	4-47, 1-55, 2-56, 1-57, 4-58, 1-80	..	...
400-B Series	9	4-2A5, 2-5Z3, 3-56	..	Amp.
400-B Series (Tuner)	8	1-55, 1-57, 6-58	..	180
400-B Series (A.W. Tuner)	8	1-55, 1-57, 6-58	..	465
400-C Series	16	4-2A5, 2-2A6, 1-2A7, 2-5Z3, 1-55, 2-56, 1-57, 3-58	..	465

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CAPEHART DIVISION of Farnsworth Radio & Telev. Corp.—Continued				
400-D Series	21	3-6C5, 1-6H6, 4-6K7, 1-6L7, (Tuner)	..	465
		2-6F5G, 4-6F6G, 2-5Z3, (Bass Amp.)	..	Amp.
		1-6F5G, 2-6F6G, 1-5Z3 (Treble Amp.)	..	Amp.
400-E Series	24	2-6C5, 2-6H6, 4-6K7, 1-6L7, 1-6U5/6G5, (Tuner) 2-5Z3, 2-6C5, 1-6C6, 2-6F5G, 2-6L6G, (Bass Amp.)	..	Amp.
		1-5Z3, 2-6C5G, 2-6L6G (Treble Amp.)	..	Amp.
400K Chassis, Models: 406, 410, 411, 412, 1600	30	6-5Y3G, 1-6AB7/1853, 1-6AF6G, 1-6B8, 2-6C8G, 1-6H6, 2-6J5GT, 1-6N7, 1-6SC7, 3-6SJ7, 1-6SK7, 2-6SQ7, 8-6V6G	44	A.M. 455 F.M. 1300
CAPITAL RADIO COMPANY				
CAPITAL				
B-234	6	1-6C6, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
B-235	6	1-6A7, 1-6D6, 1-6E5, 1-25Z5, 1-43, 1-75, 1-40A2 Resistor	..	456
B-240	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
B-241	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
B-243	11	2-6C6, 1-6E5, 2-6F6, 1-6F7, 1-6J7, 3-76, 1-80	..	456
C-110	7	1-1A4T, 1-6C6, 1-19, 3-30, 1-32	..	456
C-117	7	2-6A6, 1-6A7, 2-6D6, 1-43, 1-75	..	175
C-119	7	1-1A4T, 1-6C6, 1-19, 3-30, 1-32	..	456
C-121	4	1-6D8G, 1-6Q6G, 1-6Q7G, 1-6S7G	..	456
W-104	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
W-105	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	TRF
W-112	6	1-6A7, 1-6D6, 1-6F5, 1-42, 1-76, 1-80	..	456
W-114	7	1-6A7, 1-6D6, 1-6F6, 1-6U5/6G5, 1-42, 1-76, 1-80	..	456
W-115	7	1-6A7, 1-6C5, 1-6D6, 1-6F6, 1-42, 1-76, 1-80	..	456
W-120	5	1-6A7, 1-6C6, 1-42, 1-75, 1-80	..	456
CARDINAL RADIO MANUFACTURING COMPANY				
"CARDINAL"				
60	9	3-24A, 3-27, 2-45, 1-80	..	Super
66	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	Super
82	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
91	7	4-24A, 1-27, 1-45, 1-80	..	TRF
CARTERET RADIO LABORATORIES				
"CARTERET"				
AR33	6	2-33, 1-36, 3-37	..	...
635	5	1-24A, 2-35/51, 1-47, 1-80	..	...
638	6	3-36, 1-37, 2-38	..	...
"CAR'USO"				
(See LAUREHK RADIO MANUFACTURING COMPANY—Page 155)				
CASE ELECTRIC CORPORATION				
"CASE"				
61	6	5-01A, 1-12A	..	...
63	6	4-26, 1-27, 1-71A	..	TRF
67	8	2-12A, 4-26, 1-27, 1-80	..	TRF
73	8	5-26, 1-27, 1-71A, 1-80	..	TRF
80, 81, 82	9	5-26, 1-27, 2-71A, 1-80	..	TRF
500	5	5-01A	..	...
610, 610R, 618	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-80	44	262.5
710, 713, 714, 715, 716, 718, 719	7	1-6B7, 1-6D6, 1-6K7, 1-6L7, 1-42, 1-76, 1-80	44	262.5

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit

CASE ELECTRIC CORPORATION—Continued

710A, 710AR, 713A, 713AR, 714A, 714AR, 715A, 715AR, 716A, 716AR, 718A, 718AR, 719A, 719AR, 7113, 7113A	7	1-6D6, 1-6K7, 1-6L7, 1-42, 1-75, 1-76, 1-80.	44	262.5
915, 916, 917, 918.	9	1-5Y3G, 1-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6L7.	44	262.5
1015, 1015R, 1016, 1017, 1017-3, 1017R	10	1-5Z3, 2-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6L7	44	262.5

CENTURY RADIO PRODUCTS COMPANY

"CENTURY"

A-5	5	3-36, 1-37, 1-38	..	TRF
Ace	10	1-46, 2-47, 3-56, 3-58, 1-80	..	175
Queen	6	2-47, 2-57, 1-58, 1-80	..	175
4-47	4	2-24A, 1-47, 1-80	..	TRF
4-78	4	1-47, 1-57, 1-58, 1-80	..	TRF
5-38	5	1-36, 2-38, 2-39/44	..	...
5-47	5	3-24A, 1-47, 1-80	..	TRF
6-55	6	1-47, 1-55, 3-58, 1-80	..	TRF
7-38	7	2-37, 2-38, 3-39/44	..	TRF
489	4	1-6A7, 1-6B7, 1-75, 1-89	..	175
679	6	1-6C6, 2-6D6, 1-75, 1-79, 1-84/6Z4	..	175

CHAMPION RADIO LABORATORIES

"CHAMPION"

4-T-AC-DC (Late)	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
5-T (3 Band)	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
6-T (3 Band)	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
30, 31	3	1-6C6, 1-6D6, 1-12A7, 1-K86C Resistor	..	TRF
40, 40DW, 40R, 42	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
40DWM, 40RM	4	1-5Z4, 1-6F6, 1-6J7, 1-6K7	..	TRF
41	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
42 (early)	4	1-2A5, 1-57, 1-58, 1-80	40	TRF
42 (late)	4	1-6C6, 1-6D6, 1-42, 1-80	40	TRF
52 (early)	5	1-47, 1-57, 2-58, 1-80	40	456
52 (late)	5	1-6C6, 2-6D6, 1-42, 1-80	40	456
52 DWG	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	42	465
400 Auto	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	40	456
500 Late	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	40	456
500 Auto Early	5	1-6A7, 2-6D6, 1-41, 1-75	40	175
501 Auto	5	1-0Z4, 1-6A7, 1-6D6, 1-41, 1-75	40	456
501 Auto Early	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	40	456
523G	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	456
543 ID	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50A2 Resistor	42	TRF
557, 558	5	1-47, 2-57, 1-58, 1-80	40	456
600 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	40	175
601 Auto	6	1-0Z4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	40	175
633G	6	1-5Z4, 1-6A8, 1-6F5, 1-6H6, 2-6K7	40	465
811	8	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	40	465
1471-E	14	2-5Y3G, 1-6A8, 3-6C5, 2-6F6, 2-6H6, 3-6K7, 1-6U5/6G5	40	465
3215	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor.	42	TRF
4114	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50A2 Resistor	42	TRF
4169H	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor.	42	TRF
6320	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	40	465
7322	6	1-6A7, 1-6D6, 1-6F5, 1-25Z5, 1-43, 1-76, 1-L40S Resistor	42	465
8322	7	1-6A7, 1-6D6, 1-6F5, 1-6U5/6G5, 1-25Z5, 1-43, 1-76, 1-L40S Resistor	42	465
4384M	3	1-6C6, 1-6D6, 1-12A7, 1-K86C Resistor	42	TRF

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CHANTICLEER RADIO COMPANY				
"CHANTICLEER"				
75 (Sterling)	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80, (1-#10-800 Ballast)	..	465
570	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
570 (1D), 570 (2D)	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	..	465
650, 651, 652	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	465
672	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	465
CHEVROLET MOTOR COMPANY				
"CHEVROLET"				
364441	7	2-36, 1-39/44, 1-84/6Z4, 1-85, 2-89	..	262
600153, 600566	5	1-6F7, 1-41, 1-75, 2-78	..	262
600249, 600565	6	1-6F7, 2-41, 2-78, 1-85	..	262
601038, 601176	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	175
601177	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
601525	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	262
601574	4	1-6A7, 1-6B7, 1-6F7, 1-41	..	175
601586, 601662	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
601814	6	1-6A7, 1-6D6, 1-6F7, 2-41, 1-85	..	262
985100	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	262
985200	6	1-6A7, 1-6B7, 1-6D6, 1-42, 1-76, 1-84/6Z4	..	262
985252	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
985253	6	1-6A8G, 2-6K7G, 1-6N6G, 1-6Q7G, 1-6X5G	..	262
985254	6	1-6A8G, 1-6F6G, 1-6Q7G, 2-6U7G, 1-6X5G	..	262
985255	7	1-6A8G, 2-6K7G, 2-6N6G, 1-6R7G, 1-6X5G	..	262
985300	6	1-6A6, 1-6A7, 2-6D6, 1-76, 1-85	..	262
985301	6	1-6A6, 1-6A7, 2-6D6, 1-76, 1-85	..	260
985400	6	1-6A7, 2-6D6, 2-41, 1-85	..	262
CLAGO RADIO CORPORATION				
Radiochron "B"	6	4-24A, 1-45, 1-80	..	TRF
61	6	1-24A, 2-27, 1-35/51, 1-47, 1-80	..	175
72	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
84	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
Radiokeg	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-85	..	175
"CLARION"				
(See TRANSFORMER CORP. OF AMERICA—Page 241, and CLARION RADIO CORPORATION—Page 62)				
CLARION RADIO CORPORATION				
"CLARION"				
0-444, 0-445, 0-448, 0-449, 0-464	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
0-534, 0-535	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	47	455
0-544, 0-545, 0-549	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	51	455
0-612, 0-622	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	51	455
0-714	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
1-402, 1-404, 1-405, 1-414	4	1-12SA7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
1-423, 1-424	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
1-502, 1-504, 1-505	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
1-602	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
70, 71	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-L42B Resistor	..	456
400, 401	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-1E1, 1-33	..	456
407	7	1-1A4T, 1-1A6, 1-1F6, 1-1K1, 1-19, 2-30	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CLARION RADIO CORPORATION—Continued				
500	5	1-1A4T, 1-1C6, 1-6T7G, 1-6U5/6G5, 1-41.	..	456
600, 601	6	1-6A7, 1-6B6G, 1-6D6, 1-6Q7G, 1-76, 1-80	..	456
750, 751	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	456
CLIMAX RADIO AND TELEVISION, Inc.				
"CLIMAX"				
2-Volter	5	1-1A4T, 1-B5/25S, 1-1C6, 1-19, 1-30	..	456
6-Volter	5	1-6A7, 1-6S7G, 1-6T7G, 1-6U5/6G5, 1-41.	..	456
7	4	1-6C6, 1-6D6, 1-37, 1-38	..	TRF
10, 12	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
30	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55Ω Resistor	..	TRF
35, 35A	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L40Ω Resistor	..	456
40, 41	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49Ω3 Resistor	..	456
A-64	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 1-76, 1-80	..	456
A-65	5	1-6A7, 1-6D6, 1-42, 1-76, 1-80	..	456
90, 91	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
B-1, Diamond	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
Duke	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor.	..	456
D-14	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor.	..	TRF
E-2, F-3	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55C Resistor	..	TRF
92E, 92E358	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
Esquire	6	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-76, 1-80	..	456
Esquire, Jr	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-L42B Resistor	..	...
Garnet	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor.	..	TRF
G-4	4	1-6A7, 1-6F7, 1-25Z5, 1-43, 1-L55-C Resistor	..	456
H5	5	1-6A7, 1-6D6, 1-6Q7G, 1-25B5, 1-25Z5, 1-L49C Resistor	..	456
HE5, JE6, JE27	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-L42C Resistor	..	456
J6	5	1-6A7, 1-6D6, 1-6Q7G, 1-25B5, 1-25Z5, 1-L49C Resistor	..	456
MB	7	1-6A7, 1-6D6, 1-6F5G, 1-42, 2-76, 1-80	..	456
ME9	8	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 2-76, 1-80	..	456
M17	7	1-6A7, 1-6D6, 1-6F5G, 1-42, 2-76, 1-80	..	456
ME17	8	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 2-76, 1-80	..	456
Mona	7	1-6A7, 1-6D6, 1-6F5G, 1-42, 2-76, 1-80	..	456
Opal	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
U5	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	..	456
UE5	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	..	456
U-64	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C Resistor	..	456
U-65	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	..	456
V-56	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C Resistor	..	456
Vision	8	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 2-76, 1-80	..	456
CLINTON MANUFACTURING COMPANY				
"CLINTON"				
146	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor	..	465
147	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C-S4 Resistor	..	465

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CLINTON MANUFACTURING CO.—Continued				
148	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-L49B Resistor	..	456
150, 151	3	1-6C6, 1-6D6, 1-25A7, 1-K72C Resistor	..	TRF
152, 153, 155, 156 185	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	456
154	3	1-6C6, 1-6D6, 1-25A7	..	TRF
157	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	465
158	8	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 2-76, 1-80	..	465
196	4	1-6A7, 1-6C6, 1-25Z5, 1-43	..	465
197	4	1-6A7, 1-6C6, 1-25Z5, 1-43, 1-L55B Resistor	..	456
215	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	..	465
216	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-K49C Resistor	..	465
240, 245	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C Resistor	..	456
247, 249	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L49B Resistor	..	456
250	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
254	3	1-6C6, 1-6D6, 1-25A7, 1-K55C Resistor	..	456
257	8	1-5Y3G, 1-6C5G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6J7G, 1-6K7G, 1-6U5/6G5	..	456
297	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-L49B Resistor	..	456
300	5	1-6A7, 1-6D6, 1-25B5, 1-25Z5, 1-75, 1-L65L8 Resistor	..	456
366	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
532	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
549	5	1-1V, 1-6A7, 1-6D6, 1-43, 1-76	..	456
636	6	1-6D8G, 1-19, 3-30, 1-34	..	465
636V	6	1-6D8G, 1-19, 3-30, 1-34	..	456
702	7	1-6B5, 1-6C6, 1-6D6, 1-6U5/6G5, 1-75, 1-76, 1-80	..	465
801, 804 Auto	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	465
805 Auto	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	465
806 Auto, 807 Auto	7	3-6D6, 1-42, 1-75, 1-76, 1-84/6Z4	..	465
901	9	1-6A7, 2-6F6, 2-6K7, 1-6U5/6G5, 1-75, 1-76, 1-80	..	465
1101	11	2-6C6, 2-6F6, 1-6J7, 1-6K7, 1-6U5/6G5, 3-76, 1-80	..	465
1102	11	3-6C6, 1-6D6, 1-6U5/6G5, 2-42, 3-76, 1-80	..	456
1501	15	1-5V4G, 6-6C5, 2-6H6, 2-6K7, 1-6L7, 1-6U5/6G5, 2-6V6G	..	456
COAST TO COAST RADIO CORPORATION				
"COAST TO COAST"				
D-3008	5	2-2A3, 3-37	..	Amp.
525	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	..	...
4978	6	1-24A, 1-45, 2-50, 2-81	..	Amp.
COLONIAL RADIO CORPORATION				
"COLONIAL"				
C-595, 90	9	1-24A, 1-27, 1-47, 2-56, 3-58, 1-80	41	175
C-695	10	1-24A, 1-27, 2-47, 2-56, 3-58, 1-80	41	175
C-995	12	1-24A, 4-46, 2-57, 3-58, 2-82	41	175
T-397, C-495, 73	6	2-24A, 1-47, 2-58, 1-80	41	175
28 AC	5	3-26, 1-71A, 1-X99	..	TRF
31 AC	7	2-26, 2-27, 2-71A, 1-80	..	TRF
31 DC	7	5-26, 2-71A	..	TRF
32 AC	8	4-24A, 1-27, 2-45, 1-80	..	TRF
32 DC	7	4-24A, 1-27, 2-45	..	TRF
33 AC, 34 AC	7	3-24A, 1-27, 2-45, 1-80	..	TRF
33 DC, 34 DC	6	3-24A, 1-27, 2-45	..	TRF
35 AC	7	3-24A, 1-27, 2-45, 1-80	..	TRF
60E	6	3-24A, 1-35/51, 1-47, 1-80	2.5	...
62E	7	1-24A, 1-47, 1-56, 1-57, 2-58, 1-80	2.5	...

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
COLONIAL RADIO CORPORATION—Continued				
67E	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	41	...
85	10	1-24A, 1-27, 2-47, 2-56, 3-58, 1-80	41	175
94	12	1-24A, 4-46, 2-57, 3-58, 2-82	41	175
100, T-345, C-399	6	2-36, 1-39/44, 1-80, 2-89	40	175
106-B	7	2-36, 1-39/44, 2-41, 1-84/6Z4, 1-85	40	175
119, 147, 250, 279, 300 AC, 301, 500 "A"	5	1-6A7, 1-6B7, 1-41, 1-77, 1-84/6Z4	40	175
136	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
150	4	1-6A7, 1-41, 1-75, 1-78	..	480
158	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	40	175
164, 164B	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	40	175
167	12	2-2A3, 1-6A7, 2-6B7, 3-37, 1-56, 2-78, 1-83V	40	175
176	10	1-6A7, 1-37, 4-45, 1-75, 2-78, 1-83V	40	...
177	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	175
182, 182B	6	1-6A7, 1-6B7, 1-6F7, 2-41, 1-78	40	175
199	5	1-6A7, 1-41, 1-75, 1-78, 1-80	40	175
222	8	1-6A7, 1-37, 2-47, 1-75, 2-78, 1-80	40	445
227	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	40	480
231	5	1-1V, 1-6A7, 1-37, 1-38, 1-78	..	480
232	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	480
235	6	2-41, 1-75, 2-78, 1-80	40	480
236	6	1-41, 1-42, 1-75, 2-78, 1-80	40	175
237	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	480
238	6	1-41, 1-42, 1-75, 2-78, 1-80	40	480
239	5	1-6A7, 1-37, 1-41, 1-78, 1-80	40	480
242	6	2-30, 1-32, 1-33, 2-951	..	480
250, 279, 300, 128, 144 AC-DC	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-77	..	175
250, 300 AC-DC (128, 147)	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	40	175
250, 300 AC, 119, 147	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	175
252	6	2-41, 1-75, 2-78, 1-84/6Z4	40	480
265	7	1-37, 1-41, 1-47, 1-75, 2-78, 1-80	40	175
279	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	480
400, 129	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	40	175
500	5	1-6B6G, 1-6J8G, 1-6U7G, 1-25B6G, 1-25Z6G, 1-BK42B Resistor	..	455
501, 173	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	175
501 AC, 178	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	175
600, 600A, 174	6	1-6A7, 1-41, 2-78, 1-80, 1-85	40	175
601	10	1-6A7, 1-37, 4-45, 1-75, 2-78, 1-83V	40	...
602	12	2-2A3, 1-6A7, 2-6B7, 3-37, 1-56, 2-78, 1-83V	40	175
603	6	1-41, 1-42, 1-75, 2-78, 1-80	40	480
604	8	1-6A7, 1-37, 2-47, 1-75, 2-78, 1-80	40	445
605	7	1-37, 1-41, 1-47, 1-75, 2-78, 1-80	40	175
650	5	1-6A7, 1-41, 1-75, 1-78, 1-80	40	175
651	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	480
652	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	480
653	5	1-6A7, 1-37, 1-41, 1-78, 1-80	40	480
654	5	1-1V, 1-6A7, 1-37, 1-38, 1-78	..	480
655	6	2-41, 1-75, 2-78, 1-84/6Z4	40	480
656, 236	6	1-41, 1-42, 1-75, 2-78, 1-80	40	175
657	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	40	480
658	6	2-41, 1-75, 2-78, 1-80	40	480
659	6	2-1B4P, 1-30, 1-32, 1-33, 1-30 Special	..	480
662	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	41	480
700, 701, 702	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	175
700, 701, 702 AC	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	40	175
985514	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
COLUMBIA PHONOGRAPH CORPORATION				
"COLUMBIA"				
C-1, C-3	7	4-26, 1-27, 1-71A, 1-80	..	TRF

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
COLUMBIA PHONOGRAPH CORPORATION—Continued				
C-2, C-4	8	5-26, 1-27, 1-71A, 1-80	..	TRF
C-5	9	1-10, 5-26, 1-27, 2-81	..	TRF
C-31	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
C-33	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
C-80A, C-80B	8	1-2S/4S, 1-47, 1-56, 4-58S, 1-82	..	175
C-81	8	1-2S/4S, 1-47, 1-56, 4-58, 1-82	..	175
C-90	11	1-2S/4S, 2-47, 1-56, 2-57S, 4-58S, 1-82	..	175
C-93	10	1-2S/4S, 2-47, 1-56, 2-57, 3-58, 1-82	..	...
C-100	8	4-24A, 1-27, 2-45, 1-80	..	TRF
C-103	7	1-47, 1-55, 1-56, 3-58, 1-80	..	175
C-123	6	1-30, 4-32, 1-33	..	175
C-800	8	1-2S/4S, 1-47, 1-56, 4-58S, 1-82	..	175
31, 33	5	1-24A, 2-35/51, 1-47, 1-80	..	...
32, 34	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	...
120B	6	1-30, 4-32, 1-33	..	175
902	6	2-27, 2-50, 2-81	..	Phono.
920, 930	4	1-27, 2-45, 1-80	..	Phono.
940	8	5-27, 2-45, 180	..	TRF
950	7	4-26, 1-27, 1-50, 1-81	..	TRF
961	8	4-26, 1-27, 1-50, 2-81	..	TRF
980	12	4-26, 3-27, 2-50, 1-80, 2-81	..	TRF
990	4	1-27, 2-45, 1-80	..	Phono.
...	8	3-36, 1-37, 4-38	..	TRF
COLUMBIA RADIO CORPORATION				
"COLUMBIA"				
A-5-30 S. G	5	2-12A, 3-24A	..	TRF
A-6-30	6	3-24A, 2-27, 1-45	..	TRF
AC-5-30	5	3-24A, 1-45, 1-80	..	TRF
AC-8-29	8	3-24A, 2-27, 2-45, 1-80	..	TRF
AC-9-28	9	5-26, 1-27, 2-71A, 1-80	..	TRF
AC-9-30	9	4-24A, 2-27, 2-45, 1-80	..	TRF
AC-10-29	10	7-27, 2-45, 1-80	..	TRF
B-6-30	6	3-31, 3-32	..	TRF
B-8-28	8	1-00A, 5-01A, 2-71A	..	TRF
SG-5	5	3-24A, 1-45, 1-80	..	TRF
SG-8	8	3-24A, 2-27, 2-45, 1-80	..	TRF
SG-9	9	4-24A, 2-27, 2-45, 1-80	..	TRF
SG-10	10	1-24A, 6-27, 2-45, 1-80	..	TRF
COMMONWEALTH RADIO MANUFACTURING COMPANY				
"COMMONWEALTH"				
150	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
CONTINENTAL RADIO CORPORATION				
"SLAGLE"—"STAR RAIDER"				
A-31	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
Slagle 9	10	7-27, 2-71A, 1-80	..	TRF
Slagle 29-A, 29-B, 29C (71A's)	11	8-27, 2-71A, 1-80	..	TRF
Slagle 29-A, 29-B 29C, 29D (50's)	12	8-27, 2-50, 2-81	..	TRF
Star Raider R-20, R-30, R-40	11	7-27, 2-50, 2-81	..	TRF
CONTINENTAL RADIO & TELEVISION CORPORATION				
"ADMIRAL"				
A10	4	1-6D6, 1-12Z3, 1-38, 1-76	46	TRF
A15	4	1-6D6, 1-25Z5, 1-43, 1-76	46	TRF
A16, A20	4	1-6C6, 1-6D6, 1-25Z5, 1-43	46	TRF
A31, A126, A128	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
A346	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	46	456
AM357, AM387	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	46	456
AM458, AM488	12	2-5W4, 1-6A8, 1-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	46	456

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CONTINENTAL RADIO & TELEVISION CORP.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AM557, AM587	7	1-1C6, 1-19, 3-30, 2-34	40	456
AM658, AM688	10	2-5W4, 1-6A8, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	46	456
AM757, AM786, AM787	11	1-5Z3, 1-6A8, 2-6C6, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	46	456
AM889, AM589	19	2-5W4, 1-6A8, 1-6C5, 1-6D6, 1-6H6, 4-6K7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-83V, 1-85	40	456
AZ282	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	46	456
AZ393	6	1-5W4, 1-6A8, 1-6F5, 1-6H6, 1-6K7	46	456
AZ482, AZ593, AZ594	6	1-1C6, 1-19, 2-30, 1-32, 1-34	48	456
BA41	6	1-1C6, 2-30, 1-32, 1-33, 1-34	48	456
B34-G6, 35-G6, 37-G6	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-117Z6GT	..	455
B125, B127, B129	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	456
B225, B227	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L498 Resistor	46	456
B325, B327	4	1-1B5/25S, 1-1C6, 1-1F4, 1-34	..	456
CL583	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	46	456
CL684	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	46	456
CL783	7	1-1C6, 1-19, 3-30, 2-34	48	456
L266	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	46	456
L477	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	46	456
L567	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	46	456
L668	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	46	456
L767	7	1-1C6, 1-19, 3-30, 2-34	48	456
M169	6	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	46	456
M351	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	46	456
M551	7	1-1C6, 1-19, 3-30, 2-34	40	456
ML156, ML215A, ML266, ML366	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	46	456
ML477, ML481	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	46	456
MX210, MX218, MX238, MX239, MX241	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	46	456
R58-B11 R59-B11	12	1-5U4G, 1-6AB7/1853, 2-6F6, 1-6J5, 1-6SA7, 2-6SK7, 2-6SQ7, 1-6SR7, 1-6U5/6G5	44	455
U6, U6B	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	51	175
X140, X141, X423	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
X541	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75	46	456
X641, X718	6	1-1C6, 2-30, 1-32, 1-33, 1-34	48	456
X813	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
Z242, Z442	6	1-6A7, 1-6D6, 1-6F6, 1-6H6, 1-42, 1-80	46	456
Z344	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	40	456
Z442, Z443, Z544, Z545	6	1-1C6, 1-19, 2-30, 1-32, 1-34	48	456
10-A5, 24-A5	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-1Q5GT	..	455
12-B5, 14-B5	5	1-12A8, 2-12SK7, 1-12SQ7, 1-35Z5GT	47	455
15-D5, 16-D5	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
33-F5, 34-F5	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-117Z6GT	..	455
40-A4, 41-B4	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT	..	455
44-J5, 45-J5, 47-J55	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
48-J6, 49-J6, 50-J6	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT, 1-M86892-9 Resistor	47	455

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CONTINENTAL RADIO & TELEVISION CORP.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
51-J55, 52-J55	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
51-K6, 52-K6, 53-K6	6	1-5Y3G, 1-6K6G, 1-6SA7, 2-6SK7, 1-6SQ7	51	455
54-XJ55	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
55-A7, 56-A77, 57-B7	7	1-5Y3G, 1-6K6G, 1-6SA7, 3-6SK7, 1-6SQ7	..	455
55	5	1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	51	456
58-A11, 59-A11, 63-A11	12	1-5U4G, 1-6AB7/1853, 1-6AF6, 2-6F6, 2-6J5, 1-6SA7, 3-6SK7, 1-6SQ7	44	455
66	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
69	6	1-6A8G, 1-6K6G, 2-6K7, 1-6Q7G, 1-6X5G	51	456
77, 78	7	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-84/6Z4	51	175
88	8	1-0Z4, 1-6A7, 1-6C5, 1-6D6, 1-6K7, 1-6R7, 2-6V6G	51	175
100C	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	46	456
102-6B, 103-6B	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	51	456
113-5A, 114-5A, 115-5A	5	1-5Y3G, 1-6A7, 1-6D6, 1-41, 1-75	51	456
123-4H, 124-4H, 125-4H, 126-4H	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
123-5E, 124-5E, 125-5E, 126-5E	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	..	456
129-5F	5	1-6A8, 1-6D6, 1-41, 1-75, 1-80	51	456
132, 150, 155, 171	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
133-6C	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
133-7G	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	51	456
134-8A	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	51	456
137-6C	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	51	456
137-7G	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	51	456
137-8A	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	51	456
137X, 150X, 155X, 171X	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	46	456
139-11A	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	51	456
140-16S	16	2-5Z3, 1-6F8G, 2-6H6G, 3-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	51	456
141-4A	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
142-8A	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	51	456
144-11A	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	51	456
144-16S	16	2-5Z3, 1-6F8G, 2-6H6G, 3-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	51	456
190	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	46	456
389-5S	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
510-6B	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	51	456
512-6D	6	1-6A8G, 1-6G6G, 1-6J5G, 1-6Q7G, 1-6U7G, 1-6ZY5G	51	456
516-4B	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
516-5C, 517-5C, 520-5C, 521-5C	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor	44	TRF
516-5F, 517-5F	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	456
516-5G, 517-5G	5	1-6C6, 1-6D6, 1-41, 1-76, 1-80	51	456
520-5F, 521-5F, 527-5X	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	456
547-6G, 549-6G	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	51	456
915-9G	9	1-6A7, 1-6D6, 2-42, 1-75, 3-76, 1-80	51	456
920-6Q	6	2-1A4T, 1-1A6, 1-1B1, 1-1G5G, 1-30	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CONTINENTAL RADIO & TELEVISION CORPORATION—Continued				
925-16R, 930-16R..	16	2-5U4G, 2-6H6G, 4-6J5G, 1-6J7G, 4-6K7, 2-6L6G, 1-6L7G.....	51	456
935-11A, 940-11S..	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G.....	51	456
945-8K.....	8	1-6A7, 1-6D6, 2-42, 1-75, 2-76, 1-80.....	51	456
945-8T.....	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76, 1-K17BJ Resistor.....	51	456
950-6A, 965-6A...	6	1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6U5/6G5, 1-6ZY5G.....	51	456
950-6P.....	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30.....	49	456
950-7M.....	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80.....	51	456
955-8K.....	8	1-6A7, 1-6D6, 2-42, 2-76, 1-80, 1-85.....	51	456
955-8T.....	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76, 1-K17BJ Resistor.....	51	456
960-8K.....	8	1-6A7, 1-6D6, 2-42, 1-75, 2-76, 1-80.....	51	456
960-8T.....	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76, 1-K17BJ Resistor.....	51	456
965-6P.....	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30.....	49	456
965-7M.....	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80.....	51	456
975-6W.....	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80.....	51	456
980-5M, 980-5X, 985-5Z.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80.....	51	456
985-6Y.....	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L49BJ Resistor.....	44	456
990-5Z.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80.....	51	456
990-6Y.....	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L49BJ Resistor.....	44	456
1907, 1939, 1957..	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	46	456
1954X.....	6	1-6A7, 1-6C5, 1-6K7, 1-42, 1-75, 1-80.....	46	456
7169.....	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80....	46	456
CORONA RADIO AND TELEVISION CORPORATION				
"CORONA"				
105.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4.....	..	456
110.....	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	..	456
130.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4.....	..	456
406.....	4	1-6C6, 1-6D6, 1-12Z3, 1-38.....	..	TRF
"CORONADO"				
(See GAMBLE-SKOGMO—Page 116)				
CROSLEY RADIO CORPORATION				
"CROSLEY"				
AC7, AC7C.....	6	1-12A, 5-X99.....	..	Reg. TRF
A150, A250.....	5	1-0Z4, 1-6A8GT, 1-6K6GT, 1-6SK7, 1-6SQ7	44	455
A157.....	5	1-6A8G, 1-6K6G, 1-6Q7G, 1-6V7G, 1-6X5G.....	51	455
A158, A258, A358 Auto.....	5	1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G, 1-6X5G.....	51	455
A160.....	6	1-0Z4, 1-6A8GT, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
A167 Auto.....	6	1-6A8G, 1-6B8G, 2-6K7G, 1-6N7G, 1-6X5G.....	..	262
A167.....	6	1-6A8G, 1-6B8G, 2-6K7G, 1-6N6G, 1-6X5G.....	..	455
A168, A268.....	6	1-6A8G, 1-6AC5G, 1-6P5G, 1-6Q7G, 1-6U7G, 1-6X5G.....	51	455
A169.....	6	1-6A8, 1-6K6GT, 2-6SK7, 1-6SQ7, 1-6X5G.	51	455
A177.....	7	1-6A8G, 2-6K7G, 1-6R7G, 2-6V6G, 1-6X5G	..	262
A177.....	7	1-6A8G, 2-6K7G, 1-6R7G, 2-6V6G, 1-6W5G.....	..	455
A255, A355.....	5	1-6A7, 1-6B5, 1-6B7, 1-6D6, 1-76.....	..	262

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CROSLEY RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
A259	5	1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5GT	51	455
A266	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	262
A267	6	1-0Z4G, 1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G	..	262
A350	5	1-0Z4, 1-6A8GT, 1-6K6GT, 1-6SK7, 1-6SQ7	51	455
A366	6	1-6A7, 1-6B7, 1-6D6, 2-41, 1-76	..	262
A450	5	1-6A8GT, 1-6K6GT, 1-6SK7, 1-6SQ7, 1-6X5	51	455
A459	5	1-6A8, 1-6K6GT, 1-6SK7, 1-6SQ7, 1-6X5GT	44	455
A559	5	1-6A8GT, 1-6SK7, 1-6SQ7, 1-6X5, 1-6Y6GT	51	455
Battery B	8	1-1C6, 1-19, 3-30, 3-34	..	450
Bonniboy	4	1-24A, 1-35/51, 1-47, 1-80	..	175
Buddy, Chum	6	2-24A, 1-27, 2-71A, 1-80	..	TRF
B-345, B-425, B-499 (566)	5	1-1A6, 1-1B5/25S, 1-33, 2-34	..	450
B-375 (416)	4	1-6A7, 2-15, 1-38	..	450
B-445, B-675 (546)	5	1-6A7, 3-15, 1-38	..	450
B-495, B-599, B-699 (646)	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	..	450
B527A	5	1-1C7G, 1-1D5G, 1-1H4G, 1-1H6G, 1-1J5G	..	455
B557A, B557M	5	1-1C7G, 1-1D5G, 1-1F5G, 1-1F7G, 1-1H4G	..	455
B-695, B-899 (636)	6	1-6A7, 1-6B7, 3-15, 1-19	..	450
Chassis 5H1	5	1-6A7, 1-6B7, 1-6F7, 1-42, 1-80	..	456
Chassis 5M3, 5M5	5	2-6D6, 1-42, 1-76, 1-80	..	456
Chassis 5V1	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	181.5
Chassis 6H2, 6H3	6	1-6A7, 1-6B7, 1-6D6, 1-42, 1-76, 1-80	..	456
Chassis 7H3	7	1-6A7, 1-6B7, 2-6D6, 1-6F7, 1-42, 1-80	..	456
C647A	6	1-6A8G, 1-6Q7G, 1-6U7G, 1-25A6G, 1-25Z6G, 1-W44338	..	455
Director (77)	7	3-24A, 1-27, 2-45, 1-80	..	TRF
Dual Sixty	6	1-2A5, 1-2A7, 1-56, 2-58, 1-80	..	456
Elf	5	3-24A, 1-45, 1-80	..	TRF
Fiver, 566	5	1-1B5/25S, 1-1C6, 1-30, 1-34, 1-950	..	450
Fiver, 516, 6516, 5516, 5515, 515	5	1-1B5/25S, 2-6D6, 1-76, 1-80	..	450
Pup	1	1-WX12	..	Regn.
Roamio, 91	5	2-12A, 3-24A	..	TRF
Roamio A156 Auto.	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-84/6Z4	..	262
Roamio A166	6	1-6A7, 1-6B7, 1-6D6, 2-41, 1-76	..	262
Totem	4	1-36, 1-38, 1-39/44, 1-R	..	TRF
2C1	2	1-6F7, 1-12A7	..	TRF
4A1 Roamio	4	1-6B7, 1-6D6, 1-6F7, 1-42	..	456
4B1	4	2-1A6, 1-33, 1-34	..	456
4C1	4	1-6F7, 1-12Z3, 1-38, 1-78	..	456
5A1 Roamio	5	1-6B7, 1-41, 3-78	..	181.5
5A3 Auto	5	1-6F7, 1-6B7, 1-42, 2-78	..	181.5
5A3 Roamio	5	1-6B7, 2-6D6, 1-6F7, 1-42	..	181
5B2	5	1-1A6, 1-32, 1-33, 2-34	..	456
5B3	5	2-1A6, 1-33, 2-34	..	456
5C3	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	..	456
5M4	5	1-2A5, 1-57, 2-58, 1-80	..	456
5V1, 5V2	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	181.5
5-38 Series 2	9	6-01A, 3-X99 or WX12	..	Reg.
5-50, 5-75	11	5-01A, 1-12A, 1-20, 1-71A, 3-X99 or WX12	..	Reg. TRF
6	6	1-6A7, 2-6D6, 2-48, 1-85	..	450
6B1	6	1-6A7, 3-15, 1-30, 1-38	..	450
6H3, 614	6	1-6A7, 1-6B7, 1-6D6, 1-42, 1-76, 1-80	..	456
6V2	6	1-2A5, 1-2A7, 1-55, 2-58, 1-80	..	181
6-60, 6-85	7	6-01A, 1-12A or 71A	..	Reg. TRF
7 S.W. Adapter	4	2-24A, 1-27, 1-80	..	...
7-1 S.W. Conv.	3	1-24A, 1-27, 1-80	..	...
7-2 S.W. Adapter	2	1-24A, 1-27	..	...
7-IF. Adapter	3	1-24A, 1-70, 1-80	..	...
7V2	7	1-2A5, 2-56, 3-58, 1-80	..	181.5
8B1, 143	8	1-19, 2-30, 5-34	..	181.5

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CROSLEY RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
8B3	8	1-1C6, 1-19, 2-30, 1-31, 3-34	..	456
9, 9-2 FF	2	1-36, 1-37	..	Conv.
10	5	1-6J7GT, 1-6SK7GT, 1-25L6GT, 1-25Z6GT, 1-W46416	..	TRF
10P3	10	2-2A5, 4-56, 3-58, 1-80	..	181.5
11, 12, 13, J13, 14, J14	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
15, J15, 16, J16, 18, J18	6	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-W46773	47	455
20, 21, 22, 23	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	51	455
20, 21, 22	6	2-01A, 3-22, 1-71A	.	TRF
24, 25, 30	7	1-5Y3G, 1-6A8GT, 1-6J5, 2-6K6G, 1-6SK7, 1-6SQ7	51	455
26, 29	8	1-5Y3G, 1-6A8GT, 2-6F6G, 1-6J5GT, 1-6K7GT, 1-6SK7, 1-6SQ7	51	455
26H, 26J, 26K	7	2-01A or 12A, 2-12A, 3-22	..	TRF
27, 28	6	3-31, 3-32	..	TRF
27	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	455
28	8	1-5Y3G, 1-6A8GT, 1-6J5GT 2-6K6GT, 2-6SK7, 1-6SQ7	..	455
30S, 31S, 33S, 34S	7	2-24A, 2-27, 2-45, 1-80	..	TRF
31	10	1-5U4G, 1-6A8, 1-6E5, 1-6J5GT, 1-6K7, 1-6SK7, 2-6SQ7, 2-6V6	..	455
32	8	4-26, 1-27, 2-71A, 1-80	..	TRF
33	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	51	455
34	10	1-5Y3G, 1-6A8GT, 1-6E5, 1-6J5GT, 2-6K6GT, 2-6SK7, 1-6SK7GT, 1-6SQ7	51	455
35, J35, 38	6	1-6SA7G, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-W46773	47	455
36	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
40, 41A, 42	8	4-26, 1-27, 2-71A, 1-80	..	TRF
40S, 41S, 42S, 82S	8	3-24A, 2-27, 2-45, 1-80	..	TRF
46	4	1-6A7, 2-15, 1-38	..	450
47	4	2-24A, 1-45, 1-80	..	TRF
48	5	3-24A, 1-45, 1-80	..	TRF
50	1	1-01A or X99 or WX12	..	Regn.
50A	2	2-01A or X99 or WX12	..	Amp.
51, 51SD	2	2-01A or X99 or WX12	..	Reg.
51A	1	1-01A or 12A or 71A or X99	..	Amp.
51	5	1-6B7, 1-6F7, 1-25Z5, 1-43, 1-78	..	181.5
52, 52SD	3	3-01A or X99 or WX12	..	Reg.
53E, 53F, 53M, 53G, 57V, 58Q	5	3-24A, 1-45, 1-80	..	TRF
55 DC, 56 DC	5	1-12A, 3-32, 1-71A	..	TRF
58	5	3-24A, 1-45, 1-80	..	TRF
59, 59 Show Boy	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
60S, 61S, 62S, 63S, DC	8	2-12A, 4-22, 2-71A	..	TRF
61, 62	8	5-01A, 3-71A	..	TRF
72	7	1-2A5, 1-2A7, 1-2B7, 3-58, 1-80	..	456
76 DC	6	3-24A, 3-71A	..	456
77	7	3-24A, 1-27, 2-45, 1-80	..	TRF
80 AW	8	1-6A7, 1-6B7, 2-6D6, 1-6F7, 2-42, 1-80	..	456
82H	8	5-27, 2-45, 1-80	..	TRF
84C, 84D	8	4-24A, 1-27, 2-45, 1-80	..	TRF
90 Auto	5	2-12A, 2-24A, 1-27	..	TRF
91 Auto	5	2-12A, 3-24A	..	TRF
92 Auto	6	4-36, 1-37, 1-71A	..	TRF
95 Roamio	6	2-36, 2-37, 1-39/44, 1-41	..	181.5
96 Roamio	6	1-36, 3-39/44, 1-85, 1-89	..	181.5
98 Auto	5	1-77, 2-78, 1-85, 1-89	..	181.5
99 Auto	6	1-77, 2-78, 1-79, 1-95 or 75, 1-89	..	181.5
102, 103	5	1-6B7, 1-41, 3-78	..	181.5

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CROSLEY RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
117	9	1-5Z4, 1-6A8, 1-6C5, 2-6K7, 2-6N6, 1-6R7, 1-W41187	..	450
119	6	1-6B7, 1-37, 1-43, 1-75, 2-78	..	181.5
120	8	4-24A, 1-27, 2-45, 1-80	..	175
120 (with 27 Osc.)	8	3-24A, 2-27, 2-45, 1-80	..	175
121	10	2-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
121-1	10	2-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
122	7	3-24A, 2-35/51, 1-47, 1-80	..	175
123, 123 Super	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
124, 124-1	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
125, 125N	5	2-24A, 1-35/51, 1-47, 1-80	..	175
126, 126-1 DC	7	4-36, 1-37, 2-71A	..	175
127, 127-1	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
128	8	3-30, 2-31, 3-32	..	175
129, 129-1	6	1-24A, 2-42, 1-57, 1-58, 1-80	..	181.5
130, 130-1	9	2-42, 2-56, 1-57, 3-58, 1-80	..	...
131 Tynamite	4	1-24A, 1-35/51, 1-47, 1-80	..	175
132-1	12	2-42, 2-46, 3-56, 4-58, 1-82	..	181.5
133	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	181.5
134, 134-1	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	181.5
135	5	2-24A, 1-35/51, 1-47, 1-80	..	181.5
136-1	10	2-42, 4-56, 3-58, 1-80	..	456
137	4	1-24A, 1-35/51, 1-47, 1-80	..	181.5
137 (1016)	10	1-5Z4, 1-6A8, 2-6C5, 2-6K7, 2-6N6, 1-6R7, 1-W41187	..	450
141, 141 Vagabond	5	1-24A, 1-47, 1-57, 1-58, 1-80	..	181.5
143 Batt (8B1)	8	1-19, 2-30, 5-34	..	181.5
146	9	2-46, 1-56, 1-57, 3-58, 1-82, 1-89	..	181.5
146-1	9	2-46, 1-55, 1-57, 3-58, 1-82, 1-89	..	181.5
147 Totem	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
148	5	1-42, 1-57, 2-58, 1-80	..	456
150	6	1-42, 1-55, 1-57, 2-58, 1-80	..	181.5
154	4	1-42, 1-57, 1-58, 1-80	..	456
155 DC	4	1-36, 1-37, 1-39/44, 1-48	..	456
156 Batt	5	1-30, 1-32, 1-33, 2-34	..	456
157	10	2-42 or 2A5, 4-56, 2-58, 1-80	..	181.5
158	7	1-42, 2-56, 1-57, 2-58, 1-80	..	181.5
159 (32 V.)	5	1-43, 1-77, 3-78	..	456
160	12	2-2A5 or 59, 5-56, 4-58, 1-80	..	181.5
161	12	2-2A5, 1-2B7, 5-56, 3-58, 1-80	..	...
163	5	1-12Z3, 1-38, 1-77, 2-78	..	456
164	10	2-2A5, 4-56, 1-57, 2-58, 1-80	..	181.5
166	4	1-6F7, 1-12Z3, 1-38, 1-78	..	456
167 Series 1	5	1-42, 1-57, 2-58, 1-80	..	456
167 (1316)	13	2-5Z4, 1-6A8, 1-6C6, 1-6H6, 1-6J7, 3-6K7, 2-6N6, 1-6R7, 1-W41187	..	450
167 Series 2	5	1-2A5, 1-57, 2-58, 1-80	..	456
168	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	181.5
169 Series 1	4	1-2B7, 1-42, 1-58, 1-80	..	456
169 Series 2	4	1-2A5, 1-6F7, 1-58, 1-80	..	456
170	10	2-2A5, 4-56, 3-58, 1-80	..	181.5
171	12	2-2A5, 1-2B7, 5-56, 3-58, 1-80	..	181.5
172	4	1-6F7, 1-12Z3, 1-38, 1-78	..	456
173, 173-5	6	1-6B7, 1-25Z5, 1-43, 3-78	..	456
174	4	1-6F7, 1-25Z5, 1-43, 1-78	..	456
175, 189	14	1-5Z3, 4-45, 1-55, 3-56, 5-58	..	181.5
176	5	1-12Z3, 1-36, 1-38, 2-78	..	456
178	5	1-1A6, 1-32, 1-33, 2-34	..	456
179	7	1-2A5, 2-56, 3-58, 1-80	..	181.5
180	10	2-2A5, 4-56, 3-58, 1-80	..	181.5
181	6	1-2A5, 1-2A7, 1-56, 2-58, 1-80	..	456
182	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	456
184	4	1-2A5, 1-6F7, 1-58, 1-80	..	456
251, 299	5	1-6J7, 2-6K7, 1-25A6, 1-25Z6	..	450
349, 395, 499	5	1-5Z4, 1-6A8, 1-6J7, 1-6K7, 1-6N6	..	450
401	4	1-20, 3-X99	..	TRF
401A	5	1-20, 4-X99	..	TRF

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CROSLEY RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
415	4	2-1A6, 1-33, 1-34	..	350
416	4	1-6A7, 2-15, 1-38	..	450
417	3	1-6J7G, 1-25A6G, 1-25A7G, 1-W43357 Resistor (Two-way Loud Speaker Communication) Carrier equals	50	90 Kc.
418	3	1-6C6, 1-6D6, 1-25A7, 1-W45788 Resistor	..	TRF
425	4	1-6F5, 1-25Z5, 1-43, 1-78	..	450
428, 448	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z6G	50	TRF
429, 449, 459	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
435	4	1-6A7, 2-15, 1-30	..	450
438	4	1-5Y3G, 1-6Q7G, 1-6U7G, 1-6V6G	44	TRF
439	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
458, 468	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	44	455
506	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-W43357	..	450
507, 518	5	1-5Y3G or 5W4, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	44	455
517, 547, 5517, 6517	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6Q7G, 1-6U7G	51	455
517A, 517B, 517M, 547A, 547B, 547M, 567M, 567N, 567P	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	..	455
519, 529	5	1-12A8GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	40	455
525, 505	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	450
526	5	1-5Z4G, 1-6A8G, 1-6J7G, 1-6K7G, 1-6N6G	..	450
527	5	1-1C7G, 1-1D5G, 1-1H4G, 1-1H6G, 1-1J5G	..	455
534	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
535, 556	5	1-1A6, 1-1B5/25S, 1-33, 2-34	..	450
536	5	1-6J7, 2-6K7, 1-25A6, 1-25Z6	..	450
537	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	51	455
539, J539	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-117Z6GT	51	455
545	5	1-6B7, 2-6D6, 1-25Z5, 1-43	..	450
546	5	1-6A7, 3-15, 1-38	..	450
548, 558	5	1-1C7G, 1-1D5G, 1-1G5G, 1-1H4G, 1-1H6G	..	456
549, 5549	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-117Z6GT	C7	455
555	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7	..	450
557	5	1-1C7G, 1-1D5G, 1-1F5G, 1-1F7G, 1-1H4G	48	455
566	5	1-1B5/25S, 1-1C6, 1-30, 1-34, 1-950	..	450
567	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	51	455
568	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6, 1-K55B Resistor	..	TRF
576	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z6G, 1-W42520	..	450
577	5	1-6A8G, 1-6Q7G, 1-6U7G, 1-25A6G, 1-25Z6G	50	455
579, 589	5	1-1B5G, 1-1H5G, 1-1N5G, 1-1P5G, 1-1Q5G	..	455
586	5	1-1A6, 1-1B5/25S, 2-34, 1-950	..	262
587	5	1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G, 1-6X5G	..	455
588	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
596	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z6G	..	450
597	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	50	455
598	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT, 1-K55B Resistor	..	TRF
599	5	1-6J7GT, 1-6SK7, 1-25L6GT, 1-25Z6GT, 1-W46416	..	455
601	6	5-01A 1-71A	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CROSLEY RADIO CORPORATION—Continued				
602 AC	6	4-26, 1-27, 1-71A	..	TRF
605	6	1-1A6, 1-1B5/25S, 1-19, 1-30, 2-34	..	450
608	6	3-26, 1-27, 1-71A, 1-80	..	TRF
609, 610, 30, 31	7	4-26, 1-27, 1-71A, 1-80	..	TRF
615	6	1-6A7, 1-6B7, 2-6D6, 1-25Z5, 1-43	..	450
616	6	1-5Z4G, 1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6N6G	..	450
617	6	1-5Y3G, 1-6A8G, 2-6K6G, 1-6Q7G, 1-6U7G	51	455
618	5	1-5W4, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	51	455
626	6	1-5Z4G, 1-6A8G, 1-6C5G, 1-6J7G, 1-6K7G, 1-6N6G	..	450
628, 638	6	1-2W3, 1-6A8G, 1-6F5G, 1-6K6G, 1-6P5G, 1-6U7G	44	455
629, 639	6	1-5Y3G, 1-6A8, 1-6AC5, 1-6K7, 1-6P5G, 1-6Q7	44	455
635	6	1-6A7, 2-6D6, 1-42, 1-76, 1-80	..	450
636	6	1-6A7, 1-6B7, 3-15, 1-19	..	450
637, 637A, 677	6	1-5Y3G, 1-6A8G, 2-6K6G, 1-6Q7G, 1-6U7G	51	455
645	6	1-6A7, 2-6D6, 2-48, 1-85	..	450
646	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	..	450
647	6	1-6A8GT, 1-6Q7G, 1-6U7G, 1-25A6G, 1-25Z6G, 1-W44338	50	455
648, 649	6	1-6A8G, 1-6Q7G, 1-6U7G, 1-25L6G, 1-25Z6G, 1-W46773	40	455
655	6	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 2-6K7	..	450
656	6	1-5Z4G, 1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-6N6	..	450
659	6	1-12K7GT, 1-12K8GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT, 1-G11-48392	50	455
666	6	1-5Y3G, 1-6A7, 1-6B5, 1-6D6, 1-75, 1-76	..	450
667	6	1-6A8G, 1-6K6G, 2-6S7G, 1-6T7G, 1-6X5G	..	455
668	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6P5G, 1-6U7G, 1-6V6G	44	455
669	6	1-2W3GT, 1-6AC5GT, 1-6K7GT, 1-6K8GT, 1-6P5GT, 1-6SQ7GT	44	455
689	6	1-6A8GT, 1-6K7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-W46773	50	455
699 (626)	6	1-5Z4, 1-6A8, 1-6C5, 1-6J7, 1-6K7, 1-6N6	..	450
704, 704A	7	4-26, 1-27, 1-71A, 1-80	..	TRF
704B, 706	8	4-26, 1-27, 2-71A, 1-80	..	TRF
705 DC	8	5-01A, 3-71A	..	TRF
714	7	1-6A7, 1-6B7, 2-6D6, 1-6F7, 1-42, 1-80	..	456
715, 725	7	1-6A7, 1-6B7, 1-6D6, 1-42, 2-76, 1-80	..	450
716	7	1-5Z4G, 1-6A8, 1-6C5, 1-6F5, 1-6H6, 1-6K7, 1-6N6	..	450
718	7	1-5Y3G, 1-6F5G, 1-6J8G, 1-6P5G, 1-6U5G, 1-6U7G, 1-6V6G	44	455
719, 729, 739, J739	7	1-6A8GT, 1-6P5G, 1-6SF5GT, 1-6SK7GT, 1-25L6GT, 2-25Z6GT	C7	455
726	7	1-5Z4G, 1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6N6	..	450
736	7	1-5Z4, 1-6A8, 1-6C5, 1-6H6, 2-6K7, 1-6N6	..	450
737	6	1-5Y3G, 1-6A8G, 1-6J5G, 1-6N6G, 1-6Q7G, 1-6U7G	51	455
804	8	5-27, 2-71A, 1-80	..	TRF
814, 8H3	8	1-6A7, 1-6B7, 2-6D6, 1-6F7, 2-42, 1-80	..	456
815	8	1-1C6, 1-19, 3-30, 3-34	..	450
816	8	1-5Z4G, 1-6A8, 2-6K7, 2-6N6, 1-6R7, 1-W41187 Phantom Conductor Tube	..	450
817, 817A, 818	8	1-5Y3G, 1-6A8G, 3-6K6G, 1-6Q7G, 2-6U7G	51	455
819, J819, 1019	7	1-5Y3G, 1-6K8G, 2-6SK7, 1-6SQ7, 2-25L6G	C7	455

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CROSLEY RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
828	8	1-5Y3G, 2-6J5G, 1-6J8G, 2-6K6G, 1-6Q7G, 1-6U7G	44	455
855, 865	8	1-5Z4, 1-6A8, 1-6C5, 1-6F6, 2-6H6, 2-6K7.	..	450
915	9	1-5Z3, 1-6A7, 1-6B7, 1-6D6, 3-42, 2-76.	..	450
916	9	1-5Z4, 1-6A8, 1-6C5, 2-6K7, 2-6N6, 1-6R7, 1-W41187 Phantom Conductor Tube.	..	450
926	8	1-5Z4, 1-6A8, 1-6C5, 1-6H6, 2-6K7, 1-6N6, 1-W41187 Phantom Conductor Tube.	..	450
927	9	1-5Y3G, 1-6A8G, 1-6J5G, 2-6N6G, 1-6Q7G, 1-6U5/6G5, 2-6U7G.	51	455
955	8	1-5Z4, 2-6C5, 1-6F6, 2-6K7, 1-6L7, 1-6Q7..	..	450
1014	10	1-6A7, 1-6F7, 3-6D6, 2-42, 2-76, 1-80.	..	456
1016	10	1-5Z4, 1-6A8, 2-6C5, 2-6K7, 2-6N6, 1-6R7, 1-W41187 Phantom Conductor Tube.	..	450
1018	10	1-5Y3G, 1-6A8G, 2-6C5G, 1-6K5G, 3-6K6G, 2-6U7G	51	455
1026	10	1-5Z4, 1-6A8, 2-6C5, 2-6K7, 2-6N6, 1-6R7, 1-W41187 Auto-Expressionator Tube.	..	450
1055	10	1-5Z4, 1-6A8, 2-6C5,1-6H6, 3-6F6, 2-6K7.	..	450
1117, 1117M	11	1-5Y3G, 1-6A8G, 2-6C5G, 1-6K5G, 3-6K6G, 1-6U5/6G5, 2-6U7G.	51	455
1118	11	1-5Y3G, 1-6A8G, 3-6C5G, 1-6K5G, 3-6K6G, 2-6U7G	51	455
1126	11	1-5Z4, 1-6A7, 1-6H6, 1-6J7, 2-6K7, 2-6N6, 1-6R7, 1-W42419A Neon Tuning Tube, 1-W41187 Auto-Expressionator Tube.	..	450
1127	11	1-5Y3G, 1-6A8G, 2-6C5G, 1-6K5G, 3-6K6G, 1-6U5/6G5, 2-6U7G.	51	455
1128	11	1-5Y3G, 1-6A8G, 3-6C5G, 1-6K5G, 3-6K6G, 2-6U7G.	44	455
1137	11	1-5Y3G, 1-6A8G, 3-6C5G, 1-6K5G, 3-6K6G, 2-6U7G	51	455
1155	11	2-5Z4, 1-6C5, 3-6F6, 1-6H6, 2-6K7, 1-6L7, 1-6Q7.	..	450
1216	12	1-5Z4, 1-6A8, 1-6C5, 1-6H6, 1-6J7, 2-6K7, 2-6N6G, 1-6R7, 1-W2419A Tuning Tube, 1-W41187 Auto-Expressionator Tube.	..	450
1217, 1218, 1227	12	2-5Y3G, 1-6A8G, 5-6K6G, 2-6Q7G, 2-6U7G.	51	455
1316	13	2-5Z4, 1-6A8, 1-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6N6, 1-6R7, 1-Phantom Conductor Tube.	..	450
1336	13	1-5Z4, 1-6A8, 2-6C5, 1-6H6, 1-6J7, 2-6K7, 2-6N6, 1-6R7, 1-W42419A Tuning Indicator Tube, 1-W41187 Expander Tube.	..	450
1516	15	2-5Z4, 1-6A8, 2-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6N6, 1-6R7, 1-W42419A Neon Tuning Tube, 1-W41187 Auto-Expressionator Tube	..	450
3590	6	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6G, 1-G11-48392.	47	455
5509, 5579, 5589, 6579	5	1-1B5G, 1-1H5G, 1-1N5G, 1-1P5G, 1-1Q5G.	..	455
5519, J5519, 5529, J5529	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT.	40	455
5526	5	1-5Z4G, 1-6A8G, 1-6J7G, 1-6K7G, 1-6N6G	..	450
5536	5	1-6J7, 2-6K7, 1-25A6, 1-25Z6.	..	450
5539, J5539	5	1-12A8GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT.	40	455
5548	5	1-1C7G, 1-1D5G, 1-1G5G, 1-1H4G, 1-1H6G.	..	455
5555	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7.	..	450
5587	5	1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G, 1-6X5G.	..	455
5597	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6.	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
CROSLEY RADIO CORPORATION—Continued				
5628	6	1-2W3, 1-6A8G, 1-6F5G, 1-6K6G, 1-6P5G, 1-6U7G	44	455
5648	6	1-6A8GT, 1-6Q7GT, 1-6U7G, 1-25L6G, 1-25Z6G, 1-W46773	40	455
5656	6	1-5Z4G, 1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-6N6	..	450
5666	6	1-5Y3G, 1-6A7, 1-6B5, 1-6D6, 1-75, 1-76	..	450
6518	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	44	455
6519	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	40	455
6615	6	1-6A7, 1-6B7, 2-15, 1-31, 1-38	..	450
6625	6	1-6A7, 1-6B5, 1-6C6, 1-6D6, 1-76, 1-80	..	450
6669, 66679, 7669	6	1-2W3GT, 1-6AC5GT, 1-6K7GT, 1-6K8GT, 1-6P5GT, 1-6SQ7GT	44	455
6689	6	1-12K7GT, 1-12K8GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT, 1-G11-48393	50	455
7739, J7739	7	1-6A8GT, 1-6P5GT, 1-6SF5GT, 1-6SK7GT, 1-25L6GT, 2-25Z6GT	C7	455
DAVISON-HAYNES COMPANY				
81	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
92	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	Super
751	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	Super
DAY FAN ELECTRIC COMPANY				
"DAY FAN"				
25, 26, 27, 28, 43, 48	9	5-26, 1-27, 2-71A, 1-80	..	TRF
93, 94	7	3-24A, 1-27, 2-45, 1-80	..	TRF
5003, 5010	9	5-26, 1-27, 2-45, 1-80	..	TRF
5005, 5020	7	3-24A, 1-27, 2-45, 1-80	..	TRF
5065	6	4-26, 1-27, 1-71A	..	TRF
5077, 5080	9	5-26, 1-27, 2-71A, 1-80	..	TRF
5091	9	5-26, 1-27, 2-45, 1-80	..	TRF

(Also see A. C. DAYTON COMPANY—Page 30)

"DELCO"

(See UNITED MOTORS SERVICE—Page 248)

DE SOTO, DIVISION OF CHRYSLER CORPORATION

"DE SOTO"—Philco Receivers:

CT-5, DeSoto Code SF	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
CT-5, DeSoto Code SG	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
G (122), DeSoto Code SE	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	260

DETROLA RADIO CORPORATION

"DETROLA"

Colonial #80	8	1-6A7, 2-25Z5, 2-43, 2-78, 1-85	40	...
Det. Jr. 1000 (1933)	4	1-6D7, 1-6E7, 1-25Z5, 1-43	..	TRF
Det. Jr. 1000 (1934)	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
Javerne (900A AC-DC)	5	1-6A7, 1-6D6, 1-6E7, 1-25Z5, 1-43	40	...
Javerne (911A AC-DC)	5	1-25Z5, 1-39/44, 1-43, 1-77, 1-78	40	...
Roadchief	5	1-36, 1-37, 2-39/44, 1-41	40	TRF
Roadmaster	5	1-36, 2-39/44, 1-41, 1-85	40	175
Super Midget	5	1-25Z5, 1-39/44, 1-43, 1-77, 1-78	40	459
Warwick	5	1-47, 1-55, 1-57, 1-58, 1-80	2.5	175
4-C	4	1-25Z5, 1-43, 1-77, 1-78	40	TRF
4-D, 4-J	4	1-42, 1-77, 1-78, 1-80	40	TRF
4-F	4	1-25Z5, 1-43, 1-77, 1-78	40	TRF
4H	4	1-36, 1-37, 1-38, 1-39/44	40	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DETROLA RADIO CORPORATION—Continued				
4T	4	1-47, 1-57, 1-58, 1-80	40	TRF
4W, 4Y	4	1-6C6, 1-6D6, 1-25Z5, 1-43	40	TRF
5B, 5B-AW	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	370
5D	5	1-6F7, 1-42, 1-75, 1-78, 1-80	40	455
5L	5	1-25Z5, 1-43, 1-76, 1-77, 1-78	40	TRF
5T	5	1-47, 1-55, 1-57, 1-58, 1-80	40	459
5W	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	370
5WG	5	1-6A7, 1-25Z5, 1-75, 1-78	40	370
5X	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	370
5Y	5	1-6D6, 1-25Z5, 1-43, 2-76	40	TRF
6A	6	1-6F7, 1-42, 1-75, 2-78, 1-84/6Z4	40	262
6M, 6R	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	40	262
6W	6	1-6A7, 1-42, 1-75, 2-78, 1-80	40	370
6X	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	40	370
6XM1	6	1-6A7, 2-6K7, 1-42, 1-75, 1-80	40	370
6ZM	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7, 1-75	40	370
7A	7	1-37, 1-42, 1-75, 3-78, 1-80	40	262
7ZM	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	40	370
10ZM	10	1-5Y3G, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 3-6K7	40	456
48	4	1-37, 1-38, 1-77, 1-78	40	TRF
100, 100A	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	456
101, 101A	4	1-6A7, 1-6F7, 1-25Z5, 1-43	40	456
100X	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	...
102	7	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 2-76	40	456
103	5	1-1A4T, 1-1A6, 1-1B1, 1-1C6, 1-950	40	480
104	4	1-6C6, 1-6D6, 1-25Z5, 1-43	40	TRF
105	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	40	456
106	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	40	456
106E	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	40	456
108	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	40	456
109	5	1-1V, 1-6A7, 1-6D6, 1-43, 1-75	40	456
110	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76	40	456
114	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	456
116	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	40	456
117	5	1-1A4T, 1-1B1, 1-1B5/25S, 1-1F4, 1-6C6	40	480
120	4	1-6C6, 1-6D6, 1-25Z5, 1-43	40	TRF
121	5	1-6C6, 1-6D6, 1-25Z5, 2-43	40	TRF
127	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76	40	456
130	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-BK55B Resistor	40	TRF
134AB, 134AZ, 135E	4	1-6A7, 1-6C6, 1-25Z5, 1-43	40	...
134	4	1-6A7, 1-6C6, 1-25Z5, 1-43	40	456
135	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-BK42D Resistor	40	456
137, 137A	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-BK49D Resistor	40	456
139	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	40	456
139A	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	40	...
139EA, 139EAB	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	40	...
139EAE	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	40	...
140	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	456
140A, 140C	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	...
144	5	2-1F5G, 1-6D8G, 1-6S7G, 1-6T7G	47	456
145	7	1-1H4G, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 2-33	47	456
146, 146A1	6	1-6A7, 1-6D6, 1-42, 1-75, 1-78, 1-80	40	456
146C1	6	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	40	...
146EA1	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	40	..
147, 147A	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80	40	456
147EA1	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	40	...

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DETROLA RADIO CORPORATION—Continued				
148, 148B	7	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43, 2-76	40	456
148EA	8	1-6A7, 1-6C6, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 2-76	40	...
149	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	40	456
154, 154EA	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	40	...
155	11	1-6A7, 1-6C5, 1-6H6, 2-6K7, 1-6U5/6G5, 2-42, 2-76, 1-80	..	385
162AK	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-BK55B Resistor	...	...
163E	15	1-5Z3, 1-6A7, 1-6H6G, 3-6K7G, 1-6U5/6G5, 4-42, 4-76	..	...
165ECR	11	1-6A7, 3-6K7, 1-6U5/6G5, 2-42, 1-75, 2-76, 1-80	..	...
169EA	8	1-6A7, 1-6C6, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 2-76	..	...
172A	4	1-6A7, 1-6C6, 1-25Z5, 1-43, 1-BK49D Resistor	..	...
173EC, 174EC	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	...
175E (T-1)	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80	40	456
176A	4	1-6C6, 1-6D6, 1-26B6G, 1-25Z5, 1-BK55B Resistor	40	TRF
177A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25B6G, 1-25Z5, 1-BK49D Resistor	40	456
178A	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	40	456
183 (C-3)	10	1-6A7, 1-6D6, 1-6Q7G, 4-42, 2-76, 1-80	40	456
184A	4	1-1G5G, 1-6D8G, 1-6S7G, 1-6T7G	40	456
185, 190	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80	40	456
191 (C-5)	10	1-6A7, 1-6D6, 1-6Q7G, 4-42, 2-76, 1-80	40	456
192	13	1-6A7, 4-6D6, 1-6H6G, 4-42, 2-76, 1-80	40	456
193 (T-2, T-3)	8	1-6A7, 1-6D6, 1-6Q7G, 2-42, 2-76, 1-80	40	456
194, 195	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80	40	456
197	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	40	TRF
199	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	40	455
207	3	2-6C5, 1-6L7	40	455
208A, 208AP	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BK55B Resistor	40	TRF
209	6	1-6A7, 1-6D6, 2-41, 1-76, 1-80	40	455
211	4	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-BK49BG Resistor	40	455
212	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK28G Resistor	40	455
216	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	40	TRF
217	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49BG Resistor	40	455
218	4	1-6F5, 1-6K7, 1-25L6, 1-25Z6	40	TRF
219	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	40	455
220	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5, 1-76	40	455
221	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49DG Resistor	40	455
222	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5, 1-76, 1-BK49DG Resistor	40	455
223, 225A	7	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 2-43, 1-76	40	455
226A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5	40	455
227A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49BG Resistor	40	455
228AP	7	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 2-43, 1-76	40	455
231	8	1-6A7, 1-6D6, 1-6K5G, 2-6V6G, 2-76, 1-80	40	455
233	7	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 2-43, 1-76	40	455
235	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BK55BG Resistor	40	TRF
243	7	1-6A7, 1-6D6, 1-6K5G, 1-6V6G, 2-76, 1-80	40	455
246	6	1-6A8G, 1-6D6, 1-6K5G, 1-6V6G, 1-76, 1-80	40	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DETROLA RADIO CORPORATION—Continued				
248	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5, 1-76	40	455
249	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49DG Resistor	40	455
250	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5G, 1-76, 1-BK42DG Resistor	46	455
251	7	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 2-43, 1-76	40	455
252	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BK55BG Resistor	40	TRF
253	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5, 1-76	40	455
254A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49DG Resistor	40	455
255A	6	1-6A7, 1-6D6, 1-6K5G, 1-25L6G, 1-25Z5, 1-76, 1-BK42DG Resistor	40	455
256A	7	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 2-43, 1-76	40	455
257A	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-BK49BG Resistor	40	455
258	7	1-6A7, 1-6D6, 1-6K5G, 1-6V6G, 2-76, 1-80	40	455
259	9	1-6A7, 1-6D6, 1-6K5G, 2-6V6G, 3-76, 1-80	40	455
266A	5	2-6D6, 1-25L6G, 1-25Z5, 1-76, 1-BK49BG Resistor	40	TRF
268	6	2-6D6, 1-25L6G, 1-25Z5, 2-76	40	TRF
270PC	7	1-6A7, 1-6D6, 1-6K5G, 1-6V6G, 2-76, 1-80	40	455
272	4	1-6F5, 1-6K7, 1-25L6, 1-25Z6	40	TRF
274, 276	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
280	4	1-12F5GT, 1-12K7GT, 1-35L6GT, 1-35Z4GT	47	TRF
281	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
282 Batt.	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	455
283	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-BK49BG Resistor	47	455
284	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
286 Batt.	5	1-1A7GT, 1-1C5GT, 1-1H5GT, 2-1N5GT	..	455
288, 289 Batt.	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	455
295 AC-DC Batt.	5	1-1A7GT, 1-1C5GT or 1Q5GT, 1-1H5GT, 1-1N5GT, 1-25Z6GT	..	455
297 Auto	4	1-6K6GT, 1-6K7GT, 1-6K8GT, 1-6SQ7GT	47	455
299 AC Batt.	4	1-1A7GT, 1-1T5GT, 1-3A8GT, 1-25Z6GT	..	455
302 Clock Model	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
303 Batt.	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT	..	455
304	5	1-6A7, 1-6K7, 1-6Q7GT, 1-25L6GT, 1-25Z5, 1-BK49BG Resistor	47	455
305	7	1-6J5GT, 1-6K7GT, 1-6K8, 1-6Q7GT, 2-25L6GT, 1-25Z6GT	47	455
310	6	1-6AE5GT, 1-6K7GT, 1-6K8, 1-6Q7GT, 1-25AC5GT, 1-25Z6GT	47	455
314	8	1-6K7G, 1-6K8G, 2-6N6G, 1-6Q7G, 1-6U5/6G5, 1-76, 1-80	46	455
315	11	1-6A8G, 2-6AC5G, 1-6F5G, 1-6K7G, 1-6U5/6G5, 4-76, 1-80	46	455
318	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	46	455
319	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
320	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
322	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-BK42BG Resistor	47	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DETROLA RADIO CORPORATION—Continued				
323	8	1-6C5G, 2-6F6G, 1-6K7G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-80	46	455
326	11	2-6AC5G, 2-6K7G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 3-76, 1-80	46	455
327	7	1-6K7GT, 1-6K8GT, 1-6Q7GT, 1-6U5/6G5, 2-25L6GT, 1-25Z6GT	47	455
328	6	1-6AE5GT, 1-6K7GT, 1-6K8GT, 1-6Q7GT, 1-25AC5GT, 1-25Z6GT, 1-BK428G Resistor	47	455
329	6	1-6A7, 1-6D6, 1-6F5G, 1-6J5GT, 1-25L6G, 1-25Z5	47	455
330	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z6GT	47	455
333	7	1-6J5GT, 1-6K7GT, 1-6K8GT, 1-6Q7GT, 2-25L6GT, 1-25Z6GT	47	455
335	7	1-6J5GT, 1-6K7GT, 1-6K8GT, 1-6SQ7GT, 2-25A6GT, 1-25Z6GT	47	455
338	9	2-6K7G, 1-6K8G, 2-6N6G, 1-6Q7G, 1-6U5/6G5, 1-76, 1-80	47	455
339, 340 AC Batt.	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-3Q5GT, 1-117M7GT	..	455
341	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-117M7GT	..	455
342	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
343	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
360 AC Batt.	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z4GT, 1-50L6GT	..	455
503	5	1-47, 1-57, 2-58, 1-80	..	456
1100 Auto	5	1-6A7, 1-6B7, 1-6E7, 1-41, 1-84/6Z4	..	456
1200	12	3-6D6, 2-25Z5, 2-37, 4-43, 1-85	..	175
1900	7	1-2A7, 1-53, 1-55, 1-56, 2-58, 1-80	..	...
DE WALD MANUFACTURING COMPANY				
"DE WALD"				
A-517	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	51	456
A-605, A-606, A-607, A-608, A-617	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
AC-24-25	8	1-24A, 4-27, 2-45, 1-80	41	TRF
AC-145-2	7	1-24A, 4-27, 1-45, 1-80	41	TRF
AC-171-2	8	4-26, 1-27, 2-71A, 1-80	41	TRF
AC-524	5	3-24A, 1-45, 1-80	41	TRF
AC-724, 724-1	7	3-24A, 1-27, 2-45, 1-80	41	TRF
BAC	4	1-47, 1-57, 1-58, 1-82	41	TRF
BAG	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	41	175
BAH, BAH-9	8	1-35/51, 1-47, 2-56, 2-57, 1-58, 1-82	41	175
BAH	7	1-35/51, 1-47, 1-56, 2-57, 1-58, 1-82	41	175
BAK	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	41	456
BAM	10	1-27, 2-35/51, 2-47, 2-56, 2-58, 1-82	41	456
BLG	7	1-47, 1-56, 1-57, 3-58, 1-82	41	115
DC-173-4, 273	7	2-71A, 5-12A	46	TRF
DC-532, DC-533-53.	5	2-33, 3-36	46	TRF
Dynette-54	5	1-36, 2-37, 1-38, 1-39/44	..	TRF
KAD	4	1-01A, 1-36, 1-39/44, 1-71A	46	TRF
KAF	6	2-33, 2-36, 1-37, 1-39/44	46	175
KRE	5	1-01A, 3-36, 1-71A	46	TRF
Motortone 61X-61	6	1-6A7, 1-37, 1-41, 1-78, 1-84/6Z4, 1-85	44	456
Motortone 52	6	2-36, 1-37, 1-84/6Z4, 1-85, 1-89	44	175
14-45	7	1-24A, 4-27, 1-45, 1-80	41	TRF
24-45	8	1-24A, 4-27, 2-45, 1-80	41	TRF
40	4	1-47, 1-57, 1-58, 1-80	41	...
41	4	1-25Z5, 1-38, 1-77, 1-78	..	TRF
42, 42R	4	1-12Z3, 1-36, 1-38, 1-78	..	TRF
50-51	5	1-24A, 1-47, 1-57, 1-58, 1-82	41	175
52	6	1-36, 1-37, 1-39/44, 1-41, 1-84/6Z4, 1-85	46	175

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DE WALD MANUFACTURING COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
54	5	1-36, 2-37, 1-38, 1-39/44	..	TRF
55-R	5	1-12Z3, 1-43, 1-77, 2-78	..	456
55-X	5	1-6C6, 2-6D6, 1-12Z3, 1-43	46	456
56	5	1-6A7, 1-25Z5, 1-39/44, 1-43, 1-77	46	456
58, 58EX, 58-R	5	1-6C6, 2-6D6, 1-12Z3, 1-43	46	456
58-L, 59	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	46	456
60	6	1-25Z5, 2-39/44, 1-37, 2-43	46	TRF
60E	6	1-25Z5, 1-37, 1-43, 1-77, 2-78	46	175
61	6	1-6A7, 1-37, 1-41, 1-78, 1-84/6Z4, 1-85	46	456
62 Batt	6	1-1A6, 1-30, 1-32, 1-34, 2-49	46	175
80	8	1-6A7, 1-6D6, 1-37, 2-42, 2-78, 1-80	46	456
81, 81R	8	1-6A7, 4-6D6, 1-37, 1-42, 1-80	46	456
90	9	2-45, 1-55, 2-56, 3-58, 1-80	41	262.5
100	10	1-6A7, 3-37, 2-42, 3-78, 1-80	Neon	456
245	8	3-26, 2-27, 2-45, 1-80	41	TRF
273 DC	7	5-12A, 2-71A	41	TRF
401, 402, 403, 404	4	1-6C6, 1-6D6, 1-12Z3, 1-38	46	TRF
405-400	4	1-6C6, 1-6D6, 1-25B5, 1-25Z5	51	TRF
406, 406 L.W.	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	47	TRF
406R, 407	4	1-12F5GT, 1-12K7GT, 1-40Z5/45Z5GT, 1-50L6GT	47	TRF
408, 408R, 409	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
411	2	1-12B8GT, 1-32L7GT	..	...
412	4	1-12F5GT, 1-12K7GT, 1-40Z5/45Z5GT, 1-50L6GT	47	TRF
414	4	1-25Z5, 1-38, 1-77, 1-78	47	TRF
415, 415R	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	456
425R, 440	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
430	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
447M	4	1-24A, 1-35/51, 1-47, 1-80	41	TRF
500A, 501, 501A	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	46	456
502	5	1-6D6, 1-12Z3, 1-43, 2-76	46	TRF
503-4	5	1-2A5, 1-2A7, 1-57, 1-58 1-80	41	456
505, 505-F, 505-R, 505-RLW, 570	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	46	456
506, 506R	5	1-6D6, 1-12Z3, 1-43, 2-76	46	TRF
507	5	2-6D6, 1-25Z5, 1-43, 1-75	46	456
509	4	1-6C6, 1-6D6, 1-25Z5, 1-43	46	456
510	5	1-6A7, 1-6C6, 1-6D6, 1-42, 1-80	44	456
515, 518, 521	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	44	TRF
517-R	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	44	456
520	5	1-6A7, 1-6D6, 1-42, 1-76, 1-80	44	456
522	5	1-1A4T, 1-1A6, 1-1B5/25S, 1-30, 1-33	..	456
523	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	44	456
525	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	44	456
527, 529, 527 L.W.	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
528, 528 L.W.	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55F Resistor	44	TRF
530, 531, 530, 531 L.W.	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z6, 1-L55F Resistor	51	TRF
532, 632 L.W.	6	1-6C6, 1-6D6, 3-25L6G, 1-25Z5, 1-L55F, 1-8853 Resistors	51	TRF
533, 533 L.W.	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55F Resistor	44	456
533-A, 532-3 DC	5	2-33, 3-36	46	TRF
534, 534 L.W.	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55F Resistor	44	TRF
535-6, 547, 547A, LW-15-6	5	1-24A, 2-35/51, 1-47, 1-80	41	TRF
536, 536 L.W.	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z5, 1-L55F Resistor	44	456
537, 537 L.W.	6	1-6A7, 1-6C6, 3-25L6G, 1-25Z5, 1-L55F, 1-8853 Resistors	44	456

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DE WALD MANUFACTURING COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
537, 538, 539, 540, 541, 537, 538, 539 L.W., 537, 538, 539 S.W.	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	456
542	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	51	456
544, 545, 545 L.W., 545R, 545 S.W.	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z4GT	..	456
548, 549, 555, 556, 558, 559	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	456
550, 550-1	5	1-25Z5, 1-39/44, 1-43, 1-77, 1-78	46	456
553-4, 580R	5	1-6C6, 2-6D6, 1-12Z3, 1-43	46	456
555, 555R	5	1-2A5, 1-27, 1-57, 1-58, 1-82	46	TRF
570	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	41	465
600	6	1-6A7, 1-6C6, 1-25Z5, 1-37, 1-43, 1-78	46	456
600A	6	1-6A7, 1-6C6, 1-25Z5, 1-43, 1-76, 1-78	46	456
600AR, 601	6	1-6A7, 1-6D6, 1-25Z5, 1-43, 2-76	46	456
602	6	1-6A7, 1-6C6, 1-25Z5, 1-37, 1-43, 1-78	46	456
603, 603R	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
604	6	1-6A7, 1-6C6, 1-25Z5, 1-37, 1-43, 1-78	51	456
607, 607 LW	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
609	6	1-6A7, 1-6J7, 1-6K7, 1-25Z, 1-43, 1-165R	51	456
610, 610 LW	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	44	456
611, 611 L.W.	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43	44	456
612 SA	6	1-6A8, 1-6K7, 1-25Z5, 1-43, 1-75, 1-165RA	**46**	**456**
612, 615, 612-615 LW	5	1-6A8, 1-6K7, 1-25Z5, 1-43, 1-75	46	456
616	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-M49B Resistor	..	456
617	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	44	175
618, 621	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-49C Resistor	46	456
619	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-49C Resistor	46	456
620	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	44	456
622, 626	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-L49B Resistor	44	456
624	6	4-24A, 1-45, 1-80	..	TRF
629	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49B Resistor	51	456
630	6	1-6A7, 1-25Z5, 1-43, 1-77, 2-78	..	456
632 DC	6	1-30, 2-31, 3-32	..	TRF
633S	5	1-6A7, 1-6D6, 1-6Q7, 1-25B5, 1-25Z5, 1-M49B Resistor	44	456
635	7	1-6A7, 2-6D6, 1-6H6, 1-41, 1-75, 1-84/6Z4	44	175
635, 635 L.W.	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	44	456
636	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-6X5G, 1-6Y6G	44	456
637, 638	6	3-36, 1-37, 2-38	..	TRF
637, 642	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L42F Resistor	44	456
640	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	46	175
643	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-6X5G, 1-6Y6G	44	456
644	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49F Resistor	44	456
645	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-M49F Resistor	51	456
646M	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	41	..
646-7	6	4-24A, 1-47, 1-80	41	TRF
646-7M	6	2-24A, 2-35/51, 1-47, 1-80	..	TRF
648, 648 L.W.	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-M42F Resistor	..	456
649, 649 L.W.	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-84/6Z4	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DE WALD MANUFACTURING COMPANY—Continued				
650	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-M42F Resistor	51	456
651	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-84/6Z4	51	456
652, 653	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-M49F Resistor	51	456
654	7	1-6A7, 1-6D6, 1-6Q7G, 3-25L6G, 1-25Z5, 1-M49F, 1-8850 Resistors	51	456
655, 656, 655, 656 L.W.	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT, 1-E7999 Resistor	51	456
660	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-84/6Z4	51	456
662, 663, 664, 665, 666, 668	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT, 1-G3050 Resistor	47	456
700	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 1-M42B Resistor	51	456
702	7	1-6A7, 2-6D6, 1-6H6, 1-41, 1-75, 1-84/6Z4	44	175
703, 703 L.W.	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-M42B Resistor	51	456
704, 705	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-76, 1-M42F Resistor	41	TRF
724	7	3-24A, 1-27. 2-45, 1-80	41	TRF
725, 726	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
727 DC	7	3-24A, 2-27, 2-45	41	TRF
735	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	41	175
746-7M	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	41	175
800	8	1-6A7, 1-37, 2-42, 3-78, 1-80	46	456
802 803, 804, 805A, 805C	8	1-2A5, 1-2A6, 1-2A7, 2-45, 2-58, 1-80	41	456
807,808	7	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 2-76, 1-L42F Resistor	44	456
810	8	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-6X5G, 1-6Y6G, 2-76	44	456
811, 811A	8	1-6A7, 3-6D6, 1-37, 1-42, 1-78, 1-80	44	456
811R	8	1-6A7, 3-6D6, 1-37, 1-42, 1-78 or 6D6, 1-80	44	456
812	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-M42F Resistor	51	456
814, 815, 816, 817	8	1-5Z4, 2-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5	44	456
901, 902, 902C	9	1-6A8G, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 1-80	44	456
906, 907, 908	9	1-5Z4, 2-6K6GT, 1-6SA7, 1-6SK7, 3-6SQ7, 1-6U5/6G5	44	456
1000	10	1-6A7, 3-37, 2-42, 3-78, 1-80	51	456
1002, 1003, 1004	10	1-6A7, 2-6F6, 1-6H6, 2-6J5, 2-6K7, 1-6U5/6G5, 1-80	44	456
1006	9	1-6A7, 2-6K7, 1-6R7, 1-6U5/6G5, 2-25L6G, 2-25Z5, 1-3440, 1-3441 Resistors	51	456
1100	9	1-6A8, 2-6K7, 2-25Z5, 3-43, 1-85, 1-K30A, 1-Special Resistor	51	456
1100A	9	1-6A8, 1-6C5, 1-6H6, 1-6K7, 3-43, 2-25Z5, 2-Special Resistors	51	456
1102-3	11	1-6A8G, 2-6K7, 1-6U5/6G5, 2-25B6, 2-25Z5, 1-75, 2-Ballast Tubes	51	456
1104, 1105	9	1-6A7, 2-6K7, 1-6R7, 1-6U5/6G5, 2-25L6G, 2-25Z5, 1-3440 1-3441 Resistors	51	456
1200, 1201	8	1-6A7, 1-6D6, 1-25L6G, 2-25Z5, 1-75, 2-76, 1-D35, 1-D150, 1-D200, 1-D740 Resistors	47	456
DODGE, DIVISION OF CHRYSLER CORPORATION				
"DODGE"—Philco Receivers:				
Dodge Du	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DODGE, DIVISION OF CHRYSLER CORPORATION—Continued				
G. Dodge Codes DR, DS	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	260
G (122), Dodge Codes DR, DS	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
DOW RADIO COMPANY				
"DOW"				
A	5	1-6A7, 1-75, 2-78, 1-89	..	Super
B	6	1-6A7, 1-75, 3-78, 1-89	..	Super
DUBILIER CLOCK CORPORATION				
5	5	1-24A, 2-35/51, 2-45	..	TRF
6	7	1-24A, 3-35/51, 2-45, 1-80	..	TRF
	5	2-24A, 1-27, 1-35/51, 1-80	..	TRF
	5	1-27, 2-35/51, 1-47, 1-80	..	TRF
	6	3-24A, 1-27, 1-45, 1-80	..	TRF
DUMONT ELECTRIC COMPANY				
400	6	1-24A, 3-35/51, 1-47, 1-80	..	TRF
904	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	TRF
	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	TRF
DUNN-HALL COMPANY				
"DUNN-HALL"—"REMINGTON"—"TINY TIM"				
45 Remington	4	2-6C6, 1-42, 1-80	..	465
51 Dunn-Hall	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
52 Tiny Tim	5	1-5W4, 1-6C5, 1-6F6, 1-6J7, 1-6K7	..	465
53, 353, 354	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
61 Dunn-Hall	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
63, 363, 364	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
258 Remington	5	1-5Y3G, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	465
381 Remington	8	1-5Y3G, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 1-6K7	..	465
EARL RADIO CORPORATION				
"EARL"				
21AC, 22AC	8	3-26, 2-27, 2-71A, 1-80	..	TRF
21DC, 22DC	7	5-01A, 2-71A	..	TRF
24	8	4-24A, 1-27, 2-45, 1-80	..	TRF
31, 32 AC	8	5-27, 2-45, 1-80	..	TRF
31, 32 DC	9	5-01A, 4-71A	..	TRF
33S-AC	8	4-24A, 1-27, 2-45, 1-80	..	TRF
41, 42	9	6-27, 2-45, 1-80	..	TRF
EASTERN RADIO SPECIALTY COMPANY				
"PEAK RADIO PRODUCTS"				
Peak Q-5	5	1-6C6, 2-6D6, 1-42, 1-85	..	Super
		or 1-2A5, 1-55, 1-57, 2-58	..	Super
ECONOMY DISTRIBUTING COMPANY				
168	6	2-6C6, 2-25Z5, 2-48	..	...
5000	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-85R	..	...
6000	5	1-6A7, 1-6F7, 1-25Z5, 1-43, 1-85R	..	465
ECOPHONE RADIO CORP. (Owned By HALLICRAFTERS)				
"ECOPHONE"				
C. D	6	3-01A, 1-27, 1-71A, 1-80	..	TRF
E, S-3	5	3-24A, 1-45, 1-80	..	TRF
F	6	3-24A, 2-45, 1-80	..	TRF
S-3	5	3-24A, 1-45, 1-80	..	TRF
S-4	6	3-24A, 1-27, 1-45, 1-80	..	TRF
S-5	8	4-24A, 1-27, 2-45, 1-80	..	175
4	4	1-47, 1-57, 1-58, 1-80	..	TRF
5	6	1-47, 1-55, 1-57, 2-58, 1-80	..	175
10	8	2-47, 1-55, 1-57, 3-58, 1-80	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ECOPHONE RADIO CORP. (Owned by HALLICRAFTERS)—Continued				
12	5	1-47, 2-57, 1-58, 1-80	..	175
14	6	1-47, 1-55, 1-57, 2-58, 1-80	..	175
15, 16, 17, 18, 20	8	2-47, 1-55, 1-57, 3-58, 1-80	..	175
35, 36	12	2-46, 1-55, 3-56, 1-57, 4-58, 1-80	..	175
38	5	1-47, 2-57, 1-58, 1-80	..	175
40	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
44	4	1-47, 1-57, 1-58, 1-80	..	TRF
50, 55	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
60, 65	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
70	8	3-37, 3-39/44, 2-71A	..	175
80, 90	8	1-24A, 1-27, 3-35/51, 2-47, 1-80	..	175
81	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	..	175
100	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
111	4	1-12Z3, 1-38, 1-77, 1-78	..	TRF
119, 124, 126	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
128	4	1-12Z3, 1-43, 1-77, 1-78	..	TRF
139, 139C	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
143	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
EDISON, THOMAS A., Inc.				
"EDISON"—"SPLITDORF"—"ABBEY"				
C-1, M6	9	1-27, 4-36, 2-50, 2-81	..	TRF
R1, R2, C2	7	4-26, 1-27, 1-35/51, 1-50	..	TRF
R4, R5 (DC)	9	5-27, 4-71A	..	TRF
R4, R5, C4, C4 Comb	8	5-27, 2-45, 1-80	..	TRF
R6, R7	9	3-24A, 3-27, 2-45, 1-80	..	TRF
Battery 6	6	5-01A, 1-71A	..	TRF
Splitdorf Jr. AC	7	4-26, 1-27, 1-71A, 1-80	..	TRF
Splitdorf Sr. M5	7	4-26, 1-27, 1-71A, 1-81	..	TRF
Splitdorf E-175	7	4-26, 1-27, 1-71A, 1-80	..	TRF
Splitdorf R100, R200, R500, R560	6	6-01A	..	TRF
Splitdorf RV580	5	4-01A, 1-12A or 71A	..	TRF
Splitdorf RV695	6	1-00A or 01A, 4-01A, 1-71A	..	TRF
EDISON-BELL COMPANY, Inc.				
"EDISON-BELL"				
36	6	1-24A, 2-47, 2-58, 1-80	..	175
53	5	2-6C6, 1-6D6, 1-25Z5, 1-43	..	175
53-LW	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	..	115
55 AW	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
63	6	1-6A7, 1-6D6, 1-25Z5, 1-37, 1-43, 1-75	..	175
63 LW	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	115
66 AW	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
ELECTRIC AND AUTOMOTIVE PRODUCTS COMPANY				
"E & A"				
11-5	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	125
11-55-LW	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	125
4M	4	1-12Z3, 1-38, 1-77, 1-78	..	...
6-AW	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	456
6-SW	6	1-2A5, 1-2A6, 1-2A7, 2-58, 1-80	..	456
25-AW	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
30-AW	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	456
303, 303-LW, 303-SW	3	1-6A7, 1-6F7, 1-12A7	..	456
405, 405-LW	4	1-6A7, 1-6F7, 1-12Z3, 1-43	..	456
ELECTRIC AUTOLITE COMPANY				
062A, 3622A	6	1-36, 1-37, 3-39/44, 1-41	..	262
072A, 3722A	7	1-36, 1-37, 3-39/44, 2-41	..	262

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ELECTRICAL RESEARCH LABORATORIES, Inc.				
"ERLA", "SENTINEL"				
A2, R2	8	4-26, 1-27, 2-71A, 1-80	..	TRF
AR3	8	5-27, 2-45, 1-80	..	TRF
C178BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
C194UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	...
R1-A	10	5-26, 1-27, 2-50, 2-81	..	TRF
R216-AL	7	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5	47	455
S11, S50	5	4-01A, 1-71A	..	TRF
S51, 52, 60	6	5-01A, 1-71A	..	TRF
S61	7	6-01A, 1-71A	..	TRF
S61-R	8	5-26, 1-27, 1-71A, 1-80	..	TRF
1U-194G, 194UL, 1UC-194UL, 195UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	...
1U-212UL	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	...
1U-213XL	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-117Z6G	44	455
1U-214UL, 218UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	...
7M, 11M	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	465
10M, 10MF	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	370
21P, 22P, 21-3, 40, 247	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
31B	6	1-1C6, 1-19, 2-30, 2-34	..	465
32B	4	1-1B5/25S, 1-1C6, 1-33, 1-34	..	465
33B	5	1-1B5/25S, 1-1C6, 1-19, 1-30, 1-34	..	465
35, 37, 39, 230	9	3-24A, 3-27, 2-45, 1-80	..	TRF
35B	6	1-1C6, 1-19, 2-30, 2-34	..	465
36L	6	1-6A7, 1-6D6, 2-4B, 1-75, 1-76	44	465
37B	5	1-1B5/25S, 1-1C6, 1-33, 2-34	..	465
38B	6	1-1B5/25S, 1-1C5, 1-1K1, 1-19, 1-30, 1-34.	..	465
39B	7	1-1C6, 1-19, 2-30, 2-34, 1-6/1	..	465
40A, 44A	6	1-6A7, 1-6D6, 1-6F5, 1-6F6, 1-42, 1-80	44	465
41, 336	4	2-36, 2-38	..	...
47AE	11	1-5Z3, 2-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7, 1-6U5/6G5	44	465
48A	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80	44	465
49B	5	1-1C6, 1-6B7, 1-19, 1-30, 1-34	44	465
50	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
50B	7	1-1C6, 1-19, 3-30, 2-34	44	465
51U	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	44	TRF
52A, 52AE, 54A	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	44	465
52R, S60R	7	4-26, 1-27, 1-71A, 1-80	..	TRF
53A	8	1-6A7, 1-6C5, 1-6E5, 2-6F6, 1-6K7, 1-75, 1-80	44	465
55	5	2-36, 1-37, 2-38	..	TRF
56U	8	1-6A8, 1-6E5, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 2-25Z6	47	465
57A, 57AE	9	1-6A8, 2-6F6, 2-6K7, 1-6U5/6G5, 1-75, 1-76, 1-80	44	465
60B	5	1-1A1/5E1, 1-1C6, 1-1F6, 1-33, 1-34	..	465
60BC, 60BT	4	1-1C6, 1-1F6, 1-33, 1-34	..	465
61, 61P, 62, 63	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	TRF
62P	5	2-24A, 1-27, 1-35/51, 1-47	..	...
63B, 63BC, 63BT	4	2-15, 1-41, 1-75	47	465
65B	6	1-1C6, 1-1F6, 1-1K1, 1-19, 1-30, 1-34	..	465
65BC, 65BT	5	1-1C6, 1-1F6, 1-19, 1-30, 1-34	..	465
66B, 66BE	8	1-6A7, 1-6C5, 3-15, 1-19, 2-76	44	465
66BC, 66BT	8	1-6A7, 1-6E7, 3-15, 1-19, 2-76	..	465
67L, 67LC, 67LT	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	47	465
67P, 68P, 249	7	3-30, 3-32, 1-33	..	TRF

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ELECTRICAL RESEARCH LABORATORIES, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
68B, 68BE, 68BCE, 68BTE	7	1-6A7, 1-6U5/6G5, 2-15, 1-19, 2-76	47	465
68BC, 68BT	6	1-6A7, 2-15, 1-19, 2-76	..	465
69U	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	44	TRF
70A	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80	44	465
71, 72, 73, 271	7	3-24A, 2-27, 1-45, 1-80	..	TRF
71U	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	465
72AT	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
72ATE	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
73BT	5	1-6D8G, 1-6L5G, 2-6S7G, 1-41	..	465
74, 76, 210	7	3-30, 2-32, 2-71A	..	TRF
75, 77, 231	7	2-30, 2-31, 3-32	..	TRF
76AC	11	1-6A8, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-80	..	465
78BCE, 78BTE	7	1-6AB5/6N5, 1-6D8G, 2-6L5G, 2-6S7G, 1-19	..	465
80BCT, 80BT	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
81P, 82P, 248, 248K, 30	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
82AC, 82AT	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	465
90BCT, 90BT	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
93LC, 93LT	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	465
95BC, 95BT	10	4-1B4P, 1-1C6, 1-1F6, 3-30, 1-34	..	465
96BCE, 96BTE	5	1-6D8G, 1-6L5G, 2-6S7G, 1-41	..	465
97L	9	1-6A7, 2-6D6, 4-48, 1-75, 1-76	40	465
98AE	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	50	465
99AE	11	1-5Z3, 1-6C5, 1-6H6, 1-6J7, 2-6K7, 2-6L6, 1-6L7, 1-6N7, 1-6U5/6G5	46	465
100X	5	1-6D8G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-41	50	465
101A	5	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	51	465
106A	5	1-5Y4G, 1-6A7, 1-6K6, 1-6K7, 1-6Q7	51	465
107A	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	50	465
107AE	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	50	465
109B	6	1-1A4T, 1-1B4P, 1-1C6, 1-1G1, 1-1G5G, 1-30	..	465
110A	11	1-6A8, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-80	41, 46	465
118B	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
119B	4	1-6D8G, 1-6G6G, 1-6S7, 1-6T7G	40	455
119BE	5	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6S7, 1-6T7G	40	455
124A	5	1-5Y4G, 1-6A7G, 1-6K6G, 1-6K7, 1-6Q7G	51	455
124AE	6	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	..	455
125AE	6	1-6K7, 1-6K8, 1-6U5/6G5, 1-41, 1-75, 1-80	..	455
127B	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
128B	6	1-1C7G, 1-1D5GP, 1-1E5GP, 1-1G1, 1-1G5G, 1-1H4G	40	455
130B	5	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7, 1-6T7G	..	455
130BE	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6S7, 1-6T7G	40	455
137U	4	1-6J7, 1-6K8, 1-25L6, 1-25Z6, 1-L55B Resistor	..	455
138AE	7	1-5Y3G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-6V6G	51	455
139UE	8	2-6K7, 1-6K8, 1-6R7, 1-6U5/6G5, 2-25L6G, 1-25Z6G, 1-Plug-in Resistor	50	455
140B	6	1-6G6G, 1-6K8, 2-6S7, 1-6T7G, 1-6Z7G	50	455
140BE	7	1-6AB5/6N5, 1-6G6G, 1-6K8, 1-6T7G, 1-6Z7G	50	455
141AE, 142AE	6	1-5Y4G, 1-6K6G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	51	455
142A	5	1-5Y4G, 1-6K6G, 1-6K7, 1-6K8, 1-6Q7G	51	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ELECTRICAL RESEARCH LABORATORIES, Inc.—Continued				
143L	6	1-6C5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25L6G	..	455
144X	5	1-6D8G, 1-6G6G, 1-6S7, 1-6T7G, 1-6ZY5G	40	455
144XE	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6S7, 1-6T7G, 1-6ZY5G	40	455
145AE	11	1-5Z3, 1-6AE6G, 2-6AF6G, 1-6C5G, 2-6K7, 1-6K8, 2-6L6, 1-6Q7G	51	455
147U	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	40	455
148A	5	1-6A7, 1-6K7, 1-6Q7G, 1-41, 1-80	46	455
148AE	6	1-6AB5/6N5, 1-6A7, 1-6K7, 1-6Q7G, 1-41, 1-80	46	455
149A	5	1-6A7, 1-6K7, 1-6Q7G, 1-41, 1-80	51	455
151BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
158AE	8	1-5Y4G, 1-6C5G, 1-6F5G, 2-6K7, 1-6K8, 1-6U5/6G5, 1-6V6G	51	455
159AE	6	1-6A7, 1-6K7, 1-6Q7G, 1-6U5/6G5, 1-41, 1-80	51	455
160B	3	1-1A7G, 1-1N5G, 1-1N6G	..	...
161U	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	455
162U	5	1-6A7, 1-6K7, 1-6SQ7, 1-25L6G, 1-25Z5, 1-M49B Resistor	..	455
163UL	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	...
167U	5	1-6A8, 1-6SK7, 1-6SQ7, 1-25L6, 1-25Z6	40	455
168B	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	701	...
170B	3	1-1A5G, 2-1N5G	..	...
172BL	5	1-1A7G, 1-1H5G, 2-1N5G, 1-1Q5G	..	...
173UL	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	...
174B	6	2-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	...
175B	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
176B	* 6	2-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	701	...
177U	5	1-6A8GT, 1-6K7GT, 1-6Q7, 1-25L6GT, 1-25Z6GT	40	455
180XL	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G, 1-35Z4GT	40	...
181BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
184AU	5	1-12A8GT, 1-12SK7G, 1-12SQ7, 1-35L5GT, 1-35Z5GT	47	...
184UE	6	1-6AB5/6N5, 1-12A8GT, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	...
185A	5	1-5Y4G, 1-6K6G, 1-6K8, 1-6SK7, 1-6SQ7	44	...
185AE	6	1-5Y4G, 1-6K6G, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	...
186B	5	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7, 1-6T7G	47	...
186BE	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6S7, 1-6T7G	47	...
187B	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
188BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
189L	6	1-6J5G, 1-6K8, 1-6SK7, 1-6SQ7, 2-25L6G	47	...
190A	8	1-5Y4G, 1-6K8, 1-6SF5, 2-6SK7, 1-6SQ7, 2-6V6G	44	...
190AE	9	1-5Y4G, 1-6K8, 1-6SF5, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G	44	...
191B	6	1-6G6G, 1-6K8, 2-6S7, 1-6T7G, 1-6Z7G	47	...
191BE	7	1-6AB5/6N5, 1-6G6G, 1-6K8, 2-6S7, 1-6T7G, 1-6Z7G	47	...
194UL, 195UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	...
197X	5	1-6D8G, 1-6G6G, 1-6S7, 1-6T7G, 1-6ZY5G	47	...
197XE	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6S7, 1-6T7G, 1-6ZY5G	47	...
198AL	7	1-5Y4G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	44	...
198ALE	8	1-6AB5/6N5, 1-5Y4G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	44	...
199AL	11	1-5Y4G, 3-6C5, 1-6H6, 2-6K6G, 1-6K8, 2-6SF5, 1-6SK7	44	...

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ELECTRICAL RESEARCH LABORATORIES, Inc.—Continued				
199ALE	12	1-6AB5/6N5, 1-5Y4G, 3-6C5, 1-6H6, 2-6K6G, 1-6K8, 2-6SF5, 1-6SK7	44	...
200X	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-25Z6G	44	...
201XL	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z5GT	44	...
202BL	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	...
203UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	...
204A	5	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	...
204AE	6	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	...
205BL	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
206A	5	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	...
206AE	6	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	...
207U	7	1-6K8, 1-6R7, 2-6SK7, 2-25L6G, 1-25Z6G	44	...
207UE	8	1-6K8, 1-6R7, 2-6SK7, 1-6U5/6G5, 2-25L6G, 1-25Z6G	44	...
210B	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
211G, 211U	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
212, 212UL	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
213PC, 213XL	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-117L6G	44	455
214G, 214UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
216J	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 2-6SQ7	44	...
217, 217XL	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5G, 1-3Q5GT, 1-117Z6GT	44	455
218G, 218UL	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
219P	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-3Q5GT, 1-117Z6GT	44	...
220	7	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	51	455
220E	8	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	...
221	8	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SJ7, 1-6SK7, 1-6SQ7	47	455
221E	9	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	...
222	7	2-12A, 3-22, 2-71A	..	TRF
224, 224B, 245, 81, 82	8	3-24A, 2-27, 2-45, 1-80	..	TRF
226	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
227	4	1-1R5, 1-1S4, 1-1S5, 1-1T4	..	455
230	8	1-5Y3G, 1-6K8, 1-6SF5, 2-6SK7, 1-6SQ7, 2-6V6G	44	455
230E	9	1-5Y3G, 1-6K8, 1-6SF5, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G	44	...
231	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-3Q5GT, 1-35Z4GT	47	455
231P	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-3Q5GT, 1-117Z6G	44	...
232	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
234	5	1-12K8, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
234E	6	1-6AB5/6N5, 1-12K8, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	...
235	5	1-5Y3G, 1-6K6G, 1-6K8, 1-6SK7, 1-6SQ7	51	455
235E	6	1-5Y3G, 1-6K6G, 1-6K8G, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	...
236	5	1-6G6G, 1-6K8, 1-6L5G, 1-6S7, 1-6T7G	51	455
236E	6	1-6AB5/6N5, 1-6G6G, 1-6K8, 1-6L5G, 1-6S7, 1-6T7G	51	...

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ELECTRICAL RESEARCH LABORATORIES, Inc.—Continued				
237	5	1-6G6G, 1-6K8, 1-6S7, 1-6T7G, 1-6ZY5G	51	455
237E	6	1-6AB5/6N5, 1-6G6G, 1-6K8, 1-6S7, 1-6T7G, 1-6ZY5G	51	...
239	6	1-6J5GT, 1-6K8, 1-6SK7, 1-6SQ7, 2-25L6GT	51	455
240B, 241	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	710	455
242	5	1-1A5GT, 1-1A7GT, 2-1H5GT, 1-1N5GT	710	455
243	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT	710	455
252	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	TRF
254	3	1-24A, 1-27, 1-80	..	...
257	7	2-27, 3-35/51, 1-47, 1-80	..	...
258, 410, 412	4	1-47, 1-57, 1-58, 1-80	..	TRF
259	8	3-27, 2-38, 3-39/44	..	...
500	6	1-1A1/5E1, 1-30, 2-32, 1-33, 1-34	..	465
501, 502	5	1-30, 2-32, 1-33, 1-34	..	465
510, 513, 530	5	1-47, 1-55, 1-57, 1-58, 1-80	..	265
520	5	1-36, 2-39/44, 1-85, 1-89	..	175
521	5	1-36, 1-41, 2-39/44, 1-85	..	175
540	5	1-36, 1-37, 1-39/44, 1-48, 1-85	..	265
550, 551	5	1-25Z5, 2-36, 1-38, 1-39/44	..	265
560, 561	5	1-6A7, 1-25Z5, 1-39/44, 1-77, 1-78	..	465
570, 599	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-80	..	465
600, 601, 602, 603	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	265
610, 614	6	1-47, 1-55, 1-57, 2-58, 1-80	..	265
620, 622, 623, 630, 634, 635	6	1-2A5, 1-2A6, 2-57, 1-58, 1-80	..	465
660BX	6	1-1A1/5E1, 1-30, 2-32, 1-33, 1-34	..	465
810, 814	8	2-30, 2-32, 2-34, 2-49	..	465
1010, 1016, 1017	10	3-46, 1-55, 2-57, 3-58, 1-80	..	...
1030	10	1-55, 2-57, 3-58, 3-59, 1-80	..	...
1040	9	1-5Z3, 2-2A3, 1-2B7, 1-56, 1-57, 3-58	..	465
4100B	4	1-5Z3, 1-6C6, 1-6D6, 1-43	..	TRF
4300	4	1-6A7, 1-6F7, 1-25Z5, 1-38	..	465
4400	4	1-6A7, 1-6B7, 1-6D6, 1-41	..	370
4500	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
4800	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
5500	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	370
5600	5	1-6A7, 1-6D6, 1-38, 1-75, 1-84/6Z4	..	465
5700, 5700B, 5721, 5800, 6100, 6101, 6102	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	465
6200	6	1-1A1/5E1, 1-1A6, 1-30, 1-32, 1-33, 1-34	..	465
6300, 6315, 6317, 6321, 6323	6	1-2A6, 2-2A7, 2-58, 1-80	..	465
7100, 7200, 7200-B	7	1-6A7, 2-6D6, 1-41, 1-75, 1-76, 1-80	..	465
7700, 7732, 7741	7	1-1C6, 1-19, 2-30, 1-32, 1-34, 1-6/1	..	465
8200B	8	1-5Z3, 1-6A7, 2-6D6, 2-41, 1-75, 1-76	..	465
9100	10	1-1C6, 5-30, 3-34, 1-6/1	..	465
ELECTRO ACOUSTIC PRODUCTS, DIVISION OF THE MAGNAVOX COMPANY, Inc.				
"MAGNAVOX"				
CR-101	9	1-6A7, 1-6C5, 3-6D6, 1-6F5, 1-6H6, 1-6U5/6G5, 1-80	46	465
CR-102, 103, 104, 105	6	1-6A7, 1-6D6, 1-6N6, 1-6Q7G, 1-6U5/6G5, 1-80	46	456
CR-106, 109, 111	7	1-6A7, 1-6D6, 1-6H6, 1-6K5G, 1-6N6G, 1-6U5/6G5, 1-80	46	455
CR-107, 110, 112	8	1-6AB5/6N5, 1-6ABG, 1-6K7G, 1-6R7G, 2-25L6G, 2-25Z6G	..	455
CR-108	9	1-6AB5/6N5, 1-6A7, 1-6C5, 3-6D6, 1-6F5, 1-6H6, 1-80	46	455
CR-113, 114, 115, 118	7	1-6A7, 1-6D6, 1-6H6, 1-6J5G, 1-6L6G, 1-6U5/6G5, 1-80	46	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ELECTRO ACOUSTIC PRODUCTS, DIVISION OF THE MAGNAVOX COMPANY, Inc.				
CR-117	5	1-6A7, 1-6D6, 1-6V6G, 1-75, 1-80	51	455
CR-119, 120	8	1-6AB5/6N5, 1-6A8G, 1-6K7G, 1-6R7G, 2-25L6G, 2-25Z6G	..	455
CR-121	8	1-5U4G, 1-6A8G, 1-6H6, 1-6J5G, 1-6K7, 1-6U5/6G5, 2-6V6G	51	455
CR-122	9	1-6AB5/6N5, 1-6A7, 1-6C5, 3-6D6, 1-6F5, 1-6H6, 1-80	46	455
CR-123, 128	7	1-6H6, 1-6J5G, 1-6K7, 1-6K8, 1-6L6G, 1-6U5/6G5, 1-80	51	455
CR-124	8	1-5U4G, 1-6A8G, 1-6H6, 1-6J5G, 1-6K7, 2-6L6G, 1-6U5/6G5	51	455
CR-126, 127	8	1-6AB5/6N5, 1-6A8G, 1-6K7G, 1-6R7G, 2-25L6G, 2-25Z6G	..	455
CR-133	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
CR-134	7	1-6H6, 1-6J5G, 1-6L6G, 1-6SA7, 1-6SK7, 1-6U5/6G5, 1-80	..	455
CR-136	8	1-5U4G, 1-6H6, 1-6J5G, 2-6L6G, 1-6SA7, 1-6SK7, 1-6U5/6G5	51	455
CR-140	8	1-5U4G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SK7, 1-6U5/6G5, 2-6V6G	51	455
CR-141, 142, 144	7	1-6H6, 1-6J5G, 1-6L6G, 1-6SA7, 1-6SK7, 1-6U5/6G5, 1-80	51	455
CR-146	9	1-5U4G, 1-6H6, 2-6J5, 1-6SA7, 1-6SK7, 1-6U5/6G5, 2-6V6G	51	455
CR-147, 148	9	1-5U4G, 1-6H6, 2-6J5, 2-6L6G, 1-6SA7, 1-6SK7, 1-6U5/6G5	51	455
CR-149	12	2-5Y3G, 1-6AB5/6N5, 1-6H6, 2-6J5, 2-6L6G, 1-6SA7, 1-6SJ7, 2-6SK7	51	455
CR-150, 151	8	1-5U4G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SK7, 1-6U5/6G5, 2-6V6G	51	455
CR-152, 154	12	2-5Y3G, 1-6AB7/1853, 1-6E5, 1-6H6, 2-6J5, 2-6L6G, 1-6SA7, 2-6SK7	51	455
CR-153	9	1-5U4G, 1-6H6, 2-6J5, 1-6SA7, 1-6SK7, 1-6U5/6G5, 2-6V6G	51	455
EL-REY RADIO MANUFACTURING COMPANY				
"EL-REY"				
A	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	465
C, 15	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	465
Garset	5	1-36, 3-39/44, 1-41	..	TRF
7 Tube AW	7	1-2A5, 1-55, 1-56, 1-57, 2-58, 1-80	..	262.5
10, 15	4	1-47, 1-57, 1-58, 1-80	..	TRF
20	6	1-55, 1-56, 1-57, 1-58, 1-59, 1-80	..	465
40	6	1-47, 2-56, 1-57, 1-58, 1-80	..	465
644	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	465
845	8	2-2A5, 1-5Z3, 1-55, 1-56, 1-57, 2-58	..	465
EMERSON RADIO & PHONO. CORPORATION				
"EMERSON"				
A-130, 132	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-2UR-224 Resistor	46	456
AA-131, 191, 204, 207	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor	44	455
AB-182, 184	14	1-6A8, 7-6C5, 2-6F6, 2-6K7, 2-80	44, 46	456
AC-130, 202	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	44, 46	456
AC-149	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	44, 46	456
AD-108	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5	44	456
AE-107	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5	46	456
AF-176, 179	7	3-1A4T, 1-1B5/25S, 1-1C6, 1-1E1, 1-1F4	..	456
AG-151	7	1-6C6, 1-6D6, 1-6Q7G, 2-26L6, 2-25Z5	46	456
AH-162	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor	46	455
AJ-130, 137, 149, 192	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-30	..	456

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EMERSON RADIO & PHONO. CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AL-130, 132, 202..	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5..	44, 46	456
AL-149, 164, 168, AM-131, 169, 187 L.W.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-2UR-224 Resistor.....	44, 46	456
AM-204.....	5	1-6D6, 1-6K8, 1-6Q7G, 1-25L6G, 1-25Z5, 1 L49B Resistor.....	44, 46	456
AP-165, 166, 174, 177.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-3CR-241 Resistor.....	44, 46	456
AP-171, 173, 180..	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5....	44, 46	456
AP-176, 185.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-2UR-224 Resistor.....	44, 46	456
AR-165, 166, 170, 171, 173, 174, 177; AT-170, 171, 172, 176....	6	1-6A7, 1-6D6, 1-41, 2-76, 1-80.....	44, 46	456
AR-176, AP-176...	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5, 1-3CR-241 Resistor.....	44, 46	456
AR-177.....	6	1-6A7, 1-6D6, 1-6Q7G, 2-41, 1-80.....	44, 46	456
AR-180, AT-181...	6	1-6A7, 1-6D6, 1-41, 2-76, 1-80.....	44, 46	456
AS-179.....	5	1-6D8G, 1-6Q7G, 2-6S7G, 1-41, 1-3MZ-419 Resistor.....	..	456
AU-190, 213, 245..	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5..	44	455
AW-55.....	6	2-24A, 1-47, 1-56, 1-58, 1-80.....	41	457.5
AX-211, 212, 217, 219, 221, 222, 232, 235, 237, 238, 239, 240, 241, 246.....	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6.....	44	455
AY-195.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5..	44	456
AZ-196.....	6	1-6AC5G, 1-6A7, 1-6D6, 1-6Q7G, 1-76, 1-80.....	44	456
B-131.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-3CR-241 Resistor.....	46	456
B-AC-10.....	9	3-46, 1-55, 1-56, 3-58, 1-82.....	41	172.5
BA-199, 201, BB-208, 209.....	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor.....	44, 46	TRF
BD-197.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor.....	44	456
BE-198.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80.....	44	456
BF-169, 191, 204, 207.....	5	1-6D6, 1-6K8, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor.....	44	455
BH-203.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5..	44	456
BJ-200, 210, 214, 218, 220.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor.....	44	455
BL-200, 210, 214, 218, 220.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80..... ..	44	455
BM-206, 215, 216, 242; BN-206, 216	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor.....	44	TRF
BQ-223, 225.....	6	1-6AC5G, 1-6K7, 1-6K8, 1-6Q7G, 1-76, 1-80.....	44	455
BR-224, 224A, 226.	13	4-6AC5G, 3-6K5, 2-6K7, 1-6K8, 1-6Q7, 2-80.....	44	455
BS-227.....	15	4-6AC5G, 1-6AF6G, 3-6J5, 3-6K7, 1-6K8, 1-6Q7, 2-80.....	44	455
BU229, 230.....	7	1-6AC5G, 1-6K7, 1-6K8, 1-6Q7, 1-6U5/6G5, 1-76, 1-80.....	44	455
BW-231.....	6	1-6AC5G, 1-6K7, 1-6K8, 1-6Q7, 1-76, 1-80	44	455
BX-208, 209.....	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor.....	44	TRF
BY-233.....	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49B Resistor.....	44	455

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EMERSON RADIO & PHONO. CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
C, CS, J, JS	5	2-24A, 1-35/51, 1-47, 1-80	41	175
CA-208, 234	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L49BG Resistor	44	455
CB-243	8	1-6AC5G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-76, 1-80	44	455
CD-206, 215	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor	44	TRF
CF-255	2	1-12B8GT, 1-32L7GT	47	TRF
CG-268, 270, 272, 276, 293, 294, 318 AC, CG1-293, 294, AC-DC, CY-286, 288, 319	5	1-6A8GT, 1-6K7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT	44	455
CJ-221, 232 AC, CJ1-221, 232 AC-DC Above 2,700,250	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
CJ-221, 232 AC, CJ1-221, 232 AC-DC Below 2,700,250	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z4GT	47	455
CQ-269, 271, 273, CS-268, 270, 272, 276, 317, 320	6	1-6AE5GT, 1-6K7GT, 1-6K8GT, 1-6SQ7GT, 1-25AC5GT, 1-25Z6GT	44	455
CR-261, 262, 274, CRLW-261, 262, 274, CR-297, 303, AC, CR1-297, 301 AC-DC	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
CU-265, CULW-261, 262, 265, 274	5	1-12J5GT, 1-12K7GT, 1-12SF5GT, 1-35Z5GT, 1-50L6GT	47	1500
CV-264, 280, 295, 298, 313, 314, 316	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
CV-281, 290, 291, CV1-290, 291, CW-279, CZ-282	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
CX-263, 283, 284, 285, 292, 305	5	1-1A7GT, 2-1N5GT, 1-1H5GT, 1-1Q6GT	..	455
C-134, 138, 142, 145	8	1-5W4, 1-6A8, 1-6C5, 1-6F6, 2-6K7, 1-6R7, 1-6U5/6G5	46	456
DA-287	6	1-5Y3G, 1-6AC5G, 1-6K7GT, 1-6P5GT, 1-6SQ7GT	44	455
DB-296, 301, 315, 327, DB1-301, DL-330, DL1-330, DW-330A, 330B, 358	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DC-308	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1Q5GT	..	455
DD-268, 270, 272, 276	5	1-6AE5G, 1-6K7GT, 1-6SA7GT, 1-25AC5GT, 1-25Z6GT	44	455
DF-302, 306	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-70L7GT or 117L7GT	..	455
DH-264	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1Q5GT	..	455
DJ-310, 311, 312	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-117L7GT	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
EMERSON RADIO & PHONO. CORPORATION—Continued				
DL-330, DL1-330	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DM-331, DM1-331	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	44	455
DP-332, DP1-332	6	1-6AE5GT, 1-6K7GT, 1-6K8GT, 1-6SQ7GT, 1-25AC5GT, 1-25Z6	44	455
DQ-333, 334, 343, 350, DQ1-333, 334, DR-348, 352, DR1-343, 348, 352	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DS-365, 372	9	1-5Z3, 2-6K7, 2-6L6G, 1-6SA7, 2-6SQ7, 1-6U5/6G5	44	455
DU-379, 380	4	1-1R5, 1-1S4, 1-1S5, 1-1T4	..	455
DV-364	8	1-5Y3G, 1-6AC5GT, 1-6B8GT, 1-6E5, 1-6P5GT, 1-6SA7GT, 1-6SJ7GT, 1-6SQ7GT	44	455
DW-330A, 330B	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DX-356	5	1-5Y3G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6V6GT	44	455
DY-337, 349, 351, DY1-337, 349, 351	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DZ-371	8	1-5Y3G, 1-6AC5GT, 1-6B8GT, 1-6E5, 1-6P5GT, 1-6SA7GT, 1-6SJ7GT, 1-6SQ7GT	44	455
D-139, 140, 139, 140 L.W.	10	1-5Z3, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	46	456
EA-312, 338, 339, 341, 357, 385, 389, EA1-341	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-117L7GT	..	455
EB-344, 359	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT	..	455
EC-242, 296, 301, 314, 315, 323, 335, 336, 347, 353, 366, EC1-242, 296, 301, 314, 315, 323, 327, 335	5	1-12SA7GT, 1-12SK7GT, 12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
336, 337, 353, 366, EM-345, 346, ED-354	5	1-5Y3G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6V6GT	44	455
EE-340, 390, EF-363, EW-391	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-117L7GT	..	455
EG-335	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT	44	455
EG-355	6	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6U5/6G5, 1-25L6GT, 1-25Z6GT 1-L42B Resistor	44	455
EH-342, EK-377, EL-360, 361, 362, 373, EM-345, 346, 382, EM1-345, 346, 386, EP-367, 375, 381	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
EJ-378, ET-383	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455

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EMERSON RADIO & PHONO. CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
EQ-368	6	1-5Y3G, 1-6J5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6V6GT	44	455
ER-369, 370	9	1-5Y3G, 2-6AC5GT, 1-6AE7GT, 1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 1-6U5/6G5	44	455
ES-374	5	1-5Y3G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6V6GT	44	455
EV-384	7	1-5Y3G, 1-6E5, 1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 1-6V6GT	44	455
EX-386	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
E-128	6	1-6A7, 1-6B7, 1-41, 1-75, 1-78, 1-84/6Z4	51	172.5
F-133	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	46	456
FA-408	7	1-5Y3G, 1-6J5GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT, 1-6V6GT	..	455
G4	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
G-127	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-3CR-241 Resistor	46	456
H-130, 137	5	2-1A4T, 1-1A6, 1-1B5/25S, 1-1F4, 1-3HL-75 Resistor	..	456
K, KS	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
K-121, 123	5	2-6D6, 1-41, 1-76, 1-80	46	456
L-AC-4, L-458	4	1-47, 1-57, 1-58, 1-80	41	TRF
L-AC-5, L-556, 26..	5	1-47, 1-57, 2-58, 1-80	41	TRF
Later Models	8	1-5Z3, 1-6A8, 1-6J6, 2-6K7, 1-6L6, 1-6R7, 1-6U5/6G5	44, 46	456
L-DC-4, L-457	4	1-33, 1-36, 2-39/44	41	TRF
L-117, 122, 135, 141 L.W., L-143, 144	5	1-6A7, 1-6D6, 1-41, 1-80, 1-85. (Later Models used 75 in place of 85.)	46	456
L-117, 122 L.W.	5	1-6A7, 1-6D6, 1-42 or 41, 1-80, 1-85	46	456
L-755, 50-L	7	1-55, 1-56, 3-58, 1-59, 1-80	41	115
Q-157, 188	4	1-6C6, 1-6D6, 1-25L6, 1-25Z5	46	456
R-153, 156, 158, 167, 189	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	44, 46	456
U-154	6	1-6A7, 2-6D6, 1-41, 1-76, 1-84/6Z4	51	262
V	8	1-6A7, 1-6B7, 1-6D6, 2-41, 2-76, 1-84/6Z4	51	262
X-175, 178, 183	15	1-6A8, 7-6C5, 2-6F6, 2-6K7, 1-6U5/6G5, 2-80	46	456
M-AC-7, M-755, 50-M	7	1-47, 1-55, 1-56, 3-58, 1-80	41	175
Old Model F	8	1-24A, 4-27, 2-45, 1-80	41	TRF
P-117, 135	6	2-1A4T, 1-1A6, 1-1B5/25S, 1-1E7G, 1-30	41	456
Q-236	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	46	TRF
S-147, 151	6	1-5Z3, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	46	456
S-755, 50	7	1-57, 4-58, 1-59, 1-80	41	465
T, TS	4	1-24A, 1-35/51, 1-47, 1-80	41	TRF
VA	4	1-1V, 1-38, 1-77, 1-78	..	TRF
V4-LA	4	1-1V, 1-6C6, 1-6D6, 1-38	..	TRF
1A	5	1-6A7, 1-6B7, 1-6F6, 1-41, 1-84/6Z4	51	172.5
5A	5	1-6A7, 1-42, 2-78, 1-85	51	172.5
6A	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	51	172.5
19LW-U 46	4	1-6A7, 1-6F7, 1-25Z5, 1-43	..	132
19-UV4	4	1-6A7, 1-6F6, 1-25Z5, 1-43	..	456
20-A, 25-A	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
23-4-B	4	1-6A7, 1-42, 1-77, 1-80	41	456
26-DAC5	5	1-47, 1-57, 2-58, 1-80	41	456
28-J-5	5	1-6C6, 2-6D6, 1-42, 1-80	40	456
31-B-UV5	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	40	456
32LW-USL	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	40	132
32-U5S	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	40	456
33-, 30-, 250-, 250-AW, 321, 330, 350	5	1-25Z5, 1-43, 1-77, 2-78	40	456, 172.5
34-B-6	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	456
34C, 101-C6, D6	6	1-6A8, 1-6F6, 2-6K7, 1-75, 1-80	40	456
34F7, 101F7	6	1-6A7, 2-15, 1-19, 1-76, 1-85	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
EMERSON RADIO & PHONO. CORPORATION—Continued				
35	6	1-25Z5, 1-43, 1-75, 3-78	40	456
36-B5	5	2-6D6, 1-42, 1-76, 1-80	40	456
38-42, 49-U6, 38, 49-U6-D, 42	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	40	456
39, 59-D-S5	5	1-2A7, 1-2B7, 1-47, 1-58, 1-80	41	456
40, 375	6	1-6B7, 1-25Z5, 1-43, 3-78	40	172.5
45-6-BD, 45LW-6D6	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	456
71, 770 (AW-7)	7	1-6A7, 2-6D6, 2-42, 1-75, 1-80	46	456
77	7	1-2A6, 1-47, 1-56, 3-58, 1-80	41	172.5
102, 102LW, 104, 104LW	8	1-6A8, 1-6C5, 2-6F6, 2-6K7, 1-75, 1-80	40	456
102ER, 112, 113	9	1-6A8, 1-6C5, 1-6E5, 2-6F6, 2-6K7, 1-75, 1-80	40	456
103-F5	6	1-1B5/25S, 1-1C6, 1-1K1, 1-30, 1-33, 1-34	..	456
105-A-11	11	1-5Z3, 1-6A8, 1-6C5, 3-6F6, 1-6H6, 4-6K7	40	456
106-U6B	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-25Z5, 1-43	40, 46	456
107-AC	5	1-1V, 1-6A7, 1-41, 1-78, 1-85	46	456
107, 111-U6A, 1010	6	1-6A8, 2-6K7, 1-25Z5, 1-43, 1-75	40	456
107, 111-U6F, 107, 111LW	6	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43	46	456
108, 110-U5A	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	40, 46	456
108LW	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	46	132
109	4	1-6A7, 1-6F7, 1-25Z5, 1-43	46	456
116	5	2-6D6, 1-42, 1-76, 1-80	46	456
117	5	1-6A7, 1-6D6, 1-42, 1-80, 1-85	46	456
119	6	1-6A8, 2-6K7, 1-25Z5, 1-43, 1-75	46	456
126, 120, 118	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-2VR-215 Resistor	46	TRF
126 LW	4	1-6A7, 1-6F7, 1-25Z5, 1-43	46	132
280, F6D	5	1-1A6, 1-1C6, 1-33, 2-34, 1-LLL25 Resistor	..	456
365-LW (W6-L, 375 LW)	6	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-77, 1-78	40	125
409 (A-4)	4	1-1V, 1-6F7, 1-38, 1-78	..	TRF
411	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
415, 416, 420	4	1-1V, 1-38, 1-77, 1-78	..	TRF
667	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	40	172.5
678, 678 No. 2	5	1-6A7, 1-6B7, 2-41, 1-78	..	172.5
965	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	40	172.5
EMPIRE PRODUCTION COMPANY				
"EMPIRE"				
10	4	1-25Z5, 1-36, 1-39/44, 1-43	..	TRF
20	5	1-25Z5, 1-36, 1-37, 1-39/44, 1-43	..	TRF
30	5	1-25Z5, 1-43, 2-77, 1-78	..	175
40	6	1-6A7, 1-25Z5, 1-37, 1-43, 1-75, 1-78	..	175.5
40 SW	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
51	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	175
60	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
71	7	1-2A5, 1-2A6, 1-2A7, 3-58, 1-80	..	175
74	7	1-2A5, 1-57, 4-58, 1-80	..	262.5
400 AC	4	1-47, 1-57, 1-58, 1-80	..	TRF
400 DC	4	1-33, 1-36, 2-39/44	..	TRF
450-A	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
460-B	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
470-C	7	1-2A5, 1-2A6, 1-2A7, 1-2B7, 2-58, 1-80	..	456
480-C	8	1-6A7, 2-6D6, 2-25Z5, 2-43, 1-75	..	456
500, 500 AC	5	1-47, 1-57, 2-58, 1-80	..	TRF
500 DC	5	2-33, 2-36, 1-37	..	TRF
575	5	1-47, 1-55, 1-57, 1-58, 1-80	..	175
600 AC	6	2-47, 1-57, 2-58, 1-80	..	TRF
600 DC	6	2-33, 2-36, 2-37	..	TRF
550 AC	5	1-47, 3-58, 1-80	..	TRF
700 DC	7	3-37, 2-39/44, 2-45	..	TRF

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ESPEY MANUFACTURING CO., Inc.				
"ESPEY"				
040	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	456
050	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-25Z6GT	40	456
051	5	1-12A8GT, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	40	456
052	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-70L7GT	40	456
060	6	1-12A8GT, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	C7	456
061	6	1-5W4 or 5Y3G, 2-6F6 or 6K6, 1-6SA7, 1-6SK7, 1-6SQ7	40	456
080	8	2-6V6, 1-7A4, 1-7A8, 2-7B7, 1-7C6, 1-80	40	456
0100	10	1-6U5/6G5, 2-6V6, 1-7A4, 1-7A6, 1-7A8, 2-7B7, 1-7C6, 1-80	40	456
0101	9	1-7A4, 1-7A8, 2-7B7, 1-7C6, 2-25L6, 2-25Z6, 1-BK23B Resistor	40	456
0120	10	1-6U5/6G5, 1-7A4, 1-7A8, 2-7B7, 1-7C6, 2-25L6, 2-25Z6, 2-BK55B Resistors	40	456
0130	13	1-6C5, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5, 2-25L6, 3-25Z6G, 1-BK55B Resistor	40	456
0170	15	1-6C5, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5, 4-25L6, 3-25Z6G, 1-BK23B Resistor	40	456
458, 459	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	470
464, 467	6	1-6A7, 1-6C6, 1-6D6, 1-42, 1-76, 1-80	40	456
472	7	1-6A7, 3-6D6, 1-42, 1-80, 1-85	40	456
550	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	40	TRF
553, 555	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	40	456
556	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	40	456
560	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	40	456
560U	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-BK49C Resistor	41	456
564	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	456
641	4	1-1A4T, 1-1A6, 1-1B4P, 1-1F4	..	456
671, 671B	6	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6, 2-25Z6, 1-BK23B Resistor	40	456
671A	6	1-6A8G, 1-6K7, 1-6Q7G, 1-25A6, 2-25Z6G, 1-BK23B Resistor	40	456
674	7	1-6A7, 1-6D6, 2-45, 1-76, 1-80, 1-85	40	456
675	7	1-6A7, 1-6D6, 1-6R7G, 2-25Z5, 2-43	40	456
771A, 771B, 771D, 771E, 771G, 771H, 771J	6	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6, 2-25Z6, 1-BK23B Resistor	40	456
851	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	40	456
861, 862, 962	5	1-6A8GT, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-K42B Resistor	40	456
884	8	1-6A8GT, 1-6C5, 1-6K7, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 1-80	40	456
894	9	1-6A8G, 1-6C5, 1-6K7, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z6G	40	456
942 Early	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
942 Late	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	456
958	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT, 1-25Z6G	40	456
964	6	1-1A7GT, 1-1G4G, 1-1G6G, 1-1H5G, 1-1N5G, 1-25Z5	40	456
965	6	1-1A7GT, 1-1G4G, 1-1G6G, 1-1H5G, 1-1N5G, 1-25Z6G	40	456
5111	10	1-6A7, 1-6K7, 3-25Z5, 4-43, 1-85, 1-BK49C Resistor	40	456
5181	18	1-5Z3, 3-6C5, 1-6E5, 1-6F5, 4-6F6, 2-6H6, 4-6K7, 1-6L7, 1-41	40	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ESPEY MANUFACTURING CO., Inc.—Continued				
6101	10	1-5Z3, 1-6C5, 1-6F5, 1-6H6, 3-6K7, 2-6L6, 1-6L7	40	456
6111	11	1-5Z3, 1-6C5, 1-6F5, 1-6H6, 3-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	40	456
6141	13	1-6C5, 1-6H6, 3-6K7, 1-6L7, 4-25A6G, 3-25Z6G, 1-K29 Resistor	40	456
6151	14	1-6C5, 1-6H6, 3-6K7, 1-6L7, 1-6U5/6G5, 4-25A6G, 3-25Z6G, 1-K23 Resistor	40	456
7111	11	1-5Z3, 1-6C5, 1-6E5, 1-6F5, 1-6H6, 3-6K7, 1-6L7, 2-6V6G	40	456
7151	15	1-6C5, 3-6K7, 1-6L7, 1-6Q7 1-6U5/6G5, 4-25L6, 4-25Z6G	40	456
9161	16	2-6C5, 1-6F5, 1-6H6, 1-6L7, 2-6SK7, 1-6U5/6G5, 4-25L6, 4-25Z6	C7	456
9162	16	1-6C5, 2-6F5, 1-6H6, 2-6K7, 1-6L7, 1-6U5/6G5, 4-25L6, 4-25Z6G	C7	456
FADA RADIO & ELECTRIC COMPANY				
"FADA", "FADALETTE"				
A66	6	1-6A8G, 1-6F5G, 1-6K7G, 1-6V6G, 1-76, 1-80	46	456
B49	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	456
C57, LA60	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
L67	5	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6G, 1-25Z5	47	456
L96	5	1-6A8G, 1-6D6, 1-6Q7GT, 1-25L6GT, 1-25Z5, 1-115.65 Resistor	47	456
L96A	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
P22	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	456
P23	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	456
P24	7	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT, 1-50L6GT	..	456
P28	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	456
P40 Early	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	456
P40 Late, P47	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	456
P49	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	456
P50	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z6GT, 1-115:53 Resistor	47	TRF
P58 Early	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT, 1-70A7GT	47	456
P58 Late	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT, 1-70L7GT	47	456
P60	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT, 1-115:54A Resistor	47	456
P60	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6G, 1-25Z6G, 1-115:41 Resistor	47	456
S46, S46A Series	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
T65	6	1-6A7, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-6Y6G, 1-80	46	456
5F50	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-115:53 Resistor	47	TRF
5F60	5	1-6A8G, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	47	456
6A39	5	1-6A8GT, 1-6D6, 1-6SQ7GT, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
6A51, 6A54	5	1-6A7, 1-6D6, 1-6Q7G, 1-6Y6G, 1-80	46	456
6A60, 6A61	5	1-6A7, 1-6D6, 1-6Q7, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
6A65	6	1-6A8G, 1-6D6, 1-6Q7G, 1-6V6G, 1-80	46	456
6A70	6	1-6A8G, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-115:55 Resistor	47	456

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FADA RADIO & ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
6A80	6	1-6A8G, 1-6E5 or 6U5/6G5, 1-6K7, 1-6Q7G, 1-6V6G, 1-80	46	456
6A100	9	3-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 2-25Z6, 1-115:58 Resistor	47	456
10, 10Z, 11, 11Z, 30, 30Z, 31, 31Z	7	5-27, 1-71A, 1-80	..	TRF
15, 15CA	5	1-6A7, 1-6D6, 1-6Q7, 1-6Y6G, 1-80	46	456
15C, 15CA	6	1-6A8G, 1-6K7, 1-6Q7G, 1-6Y6G, 1-76, 1-80	..	456
16, 16Z, 17, 20, 20Z, 32, 32Z	8	5-27, 2-71A, 1-80	..	TRF
16C, 16CA	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-115:58 Resistor	..	456
16C, 16CA, 17C, 17CA	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK42D Resistor	47	456
18	7	1-00A or 12A, 4-12A, 2-71A	..	TRF
20A, 20T	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-76, 1-115:41 Resistor	47	456
20B, 30	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
20G	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-76, 1-115:41 Resistor	..	456
20V	5	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 1-76, 1-115:41 Resistor	..	456
20W	5	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 1-76, 1-115:41 Resistor	..	TRF
21	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT, 1-115:41 Resistor	47	TRF
23	6	1-6K7GT, 1-6P5GT, 1-6SA7GT, 1-6SQ7GT, 1-6V6G, 1-80	46	456
25	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	456
25, 25Z, 15M, 15MZ, M-250, M-250Z	8	1-24A, 4-27, 2-45, 1-80	..	TRF
26	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
26, 36, S	7	3-24A, 2-27, 2-45	..	TRF
27	5	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-6Y6G, 1-80	46	456
31	5	1-6A7, 1-6D6, 1-6Q7G, 1-25Z5, 1-25Z6G, 1-115:51 Resistor	47	456
32	5	1-6A7, 1-6D6, 1-6Q7G, 1-6Y6G, 1-80	46	456
35	7	2-24A, 2-27, 2-45, 1-81	..	TRF
35-B	8	3-24A, 2-27, 2-45, 1-81	..	TRF
35Z	7	2-24A, 2-27, 2-45, 1-80	..	TRF
36	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
40	8	3-24A, 2-27, 2-45, 1-80	..	TRF
41, 42, 44, 46, 47, 41Z, 42Z, 44Z, 46Z (KA)	9	3-24A, 3-27, 2-45, 1-80	..	TRF
43, 761, 764, 766, 767 (KF), (KG)	7	3-24A, 1-27, 2-45, 1-80	..	TRF
44, 45	4	1-12J7GT, 1-12K7GT, 1-40Z5/45Z5GT, 1-50L6GT	47	TRF
45, 45Z (KU)	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
48, 48Z, 49, 49Z, (KW)	10	3-27, 4-35/51, 2-47, 1-80	..	175
50, 70, 71, 72, (E-420 P.U.)	9	2-10, 6-27, 1-81	..	TRF
50, 50Z, 70, 70Z, 71, 72, (E-180 P.U.)	9	6-27, 2-71A, 1-80	..	TRF
51, (KO), 53, 57, (KOC)	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	TRF

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FADA RADIO & ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
52, 53, 55 Late	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	456
54	5	1-6A7, 1-6D6, 1-6Q7G, 1-6Y6G, 1-80	46	456
55, (RG)	5	1-47, 2-57, 1-58, 1-80	..	175
55 Early	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z4GT, 1-50L6GT	47	456
56, 57, 59	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
60	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
61, 61Z, 63, 63Z, (KX)	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
62	6	1-1C7G, 1-1D5G, 1-1F7G, 1-1H4G, 1-1J1, 1-1J6G	..	456
63	5	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6G, 1-25Z5, 1-115:78, 1-115:79 Resistors	47	456
64 APC	6	1-6K7GT, 1-6P5GT, 1-6SA7GT, 1-6SQ7GT, 1-6V6G, 1-80	46	456
65	6	1-6A8G, 1-6F5G, 1-6K7G, 1-6V6G, 1-76, 1-80	46	456
65, 65Z	10	3-27, 4-35/51, 2-47, 1-80	..	175
66	4	1-1J6G, 1-6D8G, 1-6L5G, 1-6S7G	..	456
66 (KY)	10	2-24A, 2-27, 4-35/51, 1-47, 1-80	..	175
68, 71	5	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
69	5	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6G, 1-25Z5, 1-115:78, 1-115:79 Resistors	47	456
73, 73Z, 85, 85Z (RE)	7	1-47, 1-55, 1-56, 3-58, 1-80	..	175
74	6	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6G, 2-25Z5, 1-115:68 Resistor	47	456
74, 74Z, 76, 76Z, 83, 83Z, 88, 88Z, 89, 89Z, (RA)	9	2-47, 3-56, 3-58, 1-80	..	175
75, 76	6	1-6A8GT, 1-6K7GT, 1-6SQ7GT, 1-25L6G, 2-25Z5, 1-115:69 Resistor	47	456
75, 77	8	2-10, 3-24A, 2-27, 1-81	..	TRF
78, 78-10, 78Z, 79, 79-10, 79Z, 97-10 (RC)	11	2-47, 3-56, 1-57, 4-58, 1-80	..	175
81, 82, 84, 86, (KB)	12	3-24A, 3-27, 6-71A	..	TRF
93, 95 (RX)	7	1-47, 1-55, 1-56, 3-58, 1-80	..	125
101, (RK) (Motoset)	8	1-37, 3-39/44, 1-84/6Z4, 1-85, 2-89	..	175
102 (RP)	8	1-37, 3-39/44, 1-79, 1-84/6Z4, 1-85, 1-89	..	175
103, (RL), (Fadolette)	4	1-25Z5, 1-36, 1-38, 1-39/44	..	...
104	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-84/6Z4	..	470
104-B (RV)	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	..	175
105, 106, 107, 108, 109, 111, 125, (RN)	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	470
108, 109, 125, (RY)	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	470
110, AM, 1108	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	...
112, (RS)	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	470
115, 116	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
119	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-115:78, 1-115:79 Resistors	47	456
120	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT, 1-115:96 Resistor	47	TRF
122, (KE)	7	2-30, 2-31, 3-32	..	TRF
126, 127, 128, (NK)	7	1-1A6, 3-30, 3-34	..	262.5
130	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	...
131, 132, (RU)	6	1-6A7, 1-6D6, 1-25Z5, 1-37, 1-43, 1-77	..	265
133, 134, 135, (RW)	9	3-6D6, 2-37, 2-42, 1-80, 1-85	..	...
136	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456

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FADA RADIO & ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
137, 148	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
140L, 145L, 1460, 1461, 140SW, 145SW	6	1-6A7, 2-6D7, 1-25Z5, 1-43, 1-75	..	...
141, (NA)	5	1-6A7, 1-37, 1-42, 1-77, 1-80	..	265
142, 142A, 142B, (NF)	6	1-6A7, 1-6B7, 2-6D7, 1-42, 1-80	..	125
144	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT	..	456
150	5	1-6A7, 1-6F6, 1-6K7, 1-75, 1-80	40	456
151, 152, (NE)	5	1-6A7, 1-37, 1-42, 1-77, 1-80	..	265
153, 154	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-115:89 Resistor	47	456
155, 156	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	44	456
157	5	1-6A8, 1-6C5, 1-6K7, 1-25Z5, 1-43	44	456
160, 161	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	40	456
162C, 162T	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	48	456
163C, 163T	6	1-6A8, 1-6C5, 2-6K7, 1-75, 1-79	40	456
164C, 164T	7	1-6A8, 1-6C5, 2-6K7, 1-25Z5, 1-75, 1-79	40	456
165	6	1-6A8, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-75	44	...
166	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
167, 168, 173	6	1-6A7, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-75	44	456
169	6	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 2-25Z6GT, 1-115:68, 1-115:70 Resistors	47	456
170	7	1-5Z4, 1-6A8, 1-6F5, 2-6F6, 1-6H6, 1-6K7	..	456
171	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	40	...
171, 173, (KOC)	8	4-36, 2-37, 2-38	..	TRF
172	6	1-6A7, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-75	44	456
174	7	2-6K6GT, 1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 1-80	46	456
175	8	1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 2-25L6GT, 2-25Z6GT	47	456
190, 191	9	1-5Z4, 1-6A8, 1-6F5, 2-6F6, 1-6H6, 3-6K7	40	456
192, 193	9	1-6A8, 1-6C5, 1-6H6, 2-6K7, 2-25Z5, 2-43	40	456
194	10	2-6G6, 1-6SA7, 2-6SK7, 3-6SQ7, 1-6U5/6G5, 1-80	47	456
211, 211C, 211CK, 211T	10	1-6A8, 1-6C5, 2-6K7, 1-6Q7, 1-6U5/6G5, 2-25A6, 2-25Z6, 1-Plug-in Resistor	40	456
212C, 212CK, 212T	12	2-5W4, 2-6C5, 1-6E5, 3-6K7, 2-6L6, 1-6L7, 1-6Q7	40	456
212T	12	2-5W4, 2-6C5, 1-6E5, 3-6K7, 2-6L6, 1-6L7, 1-6Q7	..	456
216 Series	15	2-6C5, 1-6E5, 3-6K7, 1-6L7, 1-6Q7, 4-25A6, 3-25Z6	40	456
250, 250C, 250T 250W	5	1-6A7, 1-6B5, 1-6D6, 1-76, 1-80	44	456
253, 254	5	1-6A8, 1-6D6, 1-25L6, 1-25Z5, 1-76	44	...
255, 265	6	1-6A5, 1-6B5, 1-6D6, 1-6U5/6G5, 1-75, 1-80	44	...
260 Series	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-BK49D Resistor	..	456
261	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-BK49D Resistor	44	...
262CA, 262UA, 265CA, 265UA	8	6-27, 1-71A, 1-80	..	TRF
262 Series	6	1-6A8, 1-6C5, 1-6K7, 1-25Z5, 1-43, 1-BK49D Resistor	40	456
266, 266SD, 266SF, 266SG	6	1-6A7, 1-6K7, 1-6Q7, 1-41, 1-78, 1-84/6Z4	..	175
270 Series, 271	7	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	40	456
272, 272W, 273	6	1-6A8, 1-6H6, 1-6K7, 1-6Q7, 1-25Z5, 1-43, 1-BK42D Resistor	44	456

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FADA RADIO & ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
275	6	1-6A7, 1-6D6, 1-6Q7, 1-25Z5, 1-43, 1-76, 1-BK42B Resistor	40	456
280, 281	7	1-6A8, 1-6H6, 1-6K7, 1-6Q7, 1-6U5/6G5, 1-25Z5, 1-43	44	456
280C, 280T	7	1-6A8, 1-6H6, 1-6K7, 1-6U5/6G5, 1-25Z5, 1-43, 1-BK42D Resistor	44	456
290, 291	9	1-5Z4, 1-6A8, 1-6C5, 1-6E5, 2-6K7, 2-6L6, 1-6Q6	40	456
290C, 290T	9	1-5Z4, 1-6A8, 1-6C5, 1-6E5, 2-6K7, 2-6L6, 1-6Q7	40	456
290CK	9	1-5Z4, 1-6A8, 1-6C5, 1-6E5, 2-6K7, 2-6L6, 1-6Q6	40	456
311, 312	10	1-6A8, 1-6C5, 1-6E5, 2-6K7, 1-6Q7, 2-25A6, 2-25Z6	40	456
340B, 340R, 340V, 340W	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	456
350A	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z5, 1-115:53 Resistor	..	456
350B, 350R, 350V, 350W	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z5, 1-115:40 Resistor	..	456
351J, 351K, 351L, 351M	5	1-6A7, 1-6D6, 1-6Q7, 1-25L6G, 1-25Z5	..	456
352J, 352K, 352L, 352M	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z5, 1-115:22 Resistor	..	456
353J, 353K, 353L, 353M	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5	..	456
354B, 354BG, 354D, 354G, 354R, 354RG, 354V, 354W, 355B 355BG, 355D, 355G, 355R, 355RG, 355V 355W	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6, 1-25Z5	..	456
360B, 360BG, 360D, 360G, 360R, 360RG, 360V, 360W	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	..	456
361J, 361K, 361L, 361M	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49D Resistor	..	456
362B, 362BG, 362D, 362G, 362R, 362RG, 362V, 362W	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	..	456
363J, 363K, 363L, 363M	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49D Resistor	..	456
365B, 365BG, 365C, 365D, 365R, 365RG, 365PF, 365PT, 365T, 365V, 365W, 366C, 366T	6	1-6A8G, 1-6D6, 1-6Q7G, 1-6V6G, 1-76, 1-80	..	456
370B, 370BG, 370C, 370D, 370G, 370R, 370RG, 370PF, 370PT, 370T, 370V, 370W, 372C, 372T	6	1-6A8G, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-BK42D Resistor	..	456

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FADA RADIO & ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
380C, 380T, 382C..	8	1-6A8G, 2-6K7, 1-6Q7G, 1-6U5/6G5, 1-6V6G, 1-76, 1-80	..	456
390C, 390T, 392C..	8	1-6A8, 2-6K7, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-76, 1-115:42 Resistor	..	456
410C, 410CA, 410PC	10	1-6A8G, 1-6H6, 1-6J7, 2-6K7, 1-6Q7G, 1-6U5/6G5, 1-6V6G, 1-76, 1-80	..	456
411C, 411CA, 411PC	11	1-6A8G, 1-6H6, 1-6J7, 2-6K7, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-76, 1-115:43 Resistor	..	456
413C, 413PC	13	1-5Z3, 1-6A8G, 1-6C5, 1-6H6, 1-6J7, 3-6K7, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 1-76	..	456
450	4	1-12J7GT, 1-12K7GT, 1-40Z5/45Z5GT, 1-50L6GT	47	TRF
450, 450A, 450T, 450V, 450W	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-115:53 Resistor	..	TRF
451	5	1-6A7, 1-6D6, 1-6Q7G, 1-6Y6G, 1-80	46	456
454 Series	5	1-6A8G, 1-6K7, 1-6Q7G, 1-6Y6G, 1-80	46	456
460 Series	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
461, 461PT	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
465	6	1-6A8G, 1-6D6, 1-6Q7G, 1-6V6, 1-76, 1-80	46	456
470	6	1-6A8G, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-115:55 Resistor	46	456
472CA, 472UA, 475CA, 475UA	8	6-27, 1-71A, 1-80	..	TRF
490	7	1-6A8G, 1-6K7, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 2-25Z6G, 1-115:58 Resistor	46	456
554, 554U	5	1-6A7, 1-6K7, 1-6Q7G, 1-6Y6G, 1-80	46	456
560	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-115:41 Resistor	47	456
590	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
761, 762, 764, 766.	7	3-24A, 1-27, 2-45, 1-80	..	TRF
913	12	3-6K7GT, 1-6P5GT, 1-6SA7GT, 1-6SF5GT, 1-6SQ7GT, 1-6U5/6G5, 2-25L6G, 2-25Z5, 1-115:82, 1-115:84 Resistors	47	456
1242B, 1242BG, 1242C, 1242D, 1242R, 1242RG, 1242T, 1242V, 1246B, 1246BG, 1246D, 1246W	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	456
1246C, 1246G, 1246R, 1246RG, 1246T, 1246V	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	456
1216T	15	2-6C5, 1-6E5, 3-6K7, 1-6L7, 1-6Q7, 4-25L6, 3-25Z6, 1-115:19 Resistor	..	456
1255, 1265	6	1-6A7, 1-6B5, 1-6D6, 1-6U5/6G5, 1-75, 1-80	44	456
1450, 1451	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
1452, 1453	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
1462	6	1-6A7, 1-6C5, 1-6K7, 1-25Z5, 1-43, 1-75	..	456
1462 (Above 22,102), 1463	6	1-6A7, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-75	..	456
1470, 1471	7	1-2A5, 1-2A6, 2-25Z5, 2-43, 1-75	..	456
1480	8	1-6A7, 2-6D6, 2-25Z5, 2-43, 1-75	..	456
1481	7	1-6A7, 1-6D6, 2-25Z5, 2-43, 1-75	..	456
1556	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	456
1582, 1583	8	1-6A7, 3-6D6, 2-42, 1-75, 1-80	40	456

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FAIRBANKS MORSE & COMPANY				
"FAIRBANKS-MORSE"				
C6, 64 Auto	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	177.5
4AC-1B, 4AT-5B, 4BC-1B, 4BT-5B	4	1-1C7G, 1-1D5G, 1-1F5G, 1-1F7G	..	456
5AT-1, 5AT-1K, 5AT-1V	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80	..	456
5BT-2, 5CT-3	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
5DC-1B, 5DT-3B	5	1-1C7G, 1-1D5G, 1-1F7G, 1-1H4G, 1-1J6G	..	456
6AC-1, 6AC-7, 6AT-4	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
6BT-6	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-165L4 Resistor	..	456
6CC-2B, 6CT-4B	6	1-1J6G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6T7G, 1-15	..	456
7AC, 7AG, 7AT	7	1-5Y3G, 1-6F5G, 1-6J5G, 1-6K7, 1-6K8, 1-6U5/6G5, 1-6V6G	..	455
8AC-2, 8AC-3, 8AT-8	8	1-5Y3G, 1-6C5G, 2-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5, 1-6V6G	..	456
9AC-4, 9AC-5	9	1-5V4G, 1-6C5G, 1-6H6G, 1-6J7G, 2-6K7G, 1-6L7G, 1-6Q7G, 1-6V6G	..	456
9BT8	8	1-6C5G, 1-6E5, 2-6K7G, 1-6L7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-Plug-in Resistor	..	456
9CC, 9CG	9	1-5Y3G, 1-6J5G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-6V6G	..	455
12AC-6	12	1-5V4G, 2-6C5G, 1-6H6G, 1-6J7, 3-6K7G, 2-6L6G, 1-6L7G, 1-6Q7G	..	456
12BG	12	1-5V4G, 1-6AF6G, 1-6B8G, 1-6J5, 1-6J5G, 3-6K7, 1-6K8, 1-6Q7G, 2-6V6G	..	455
12C6	12	2-5W4, 1-6C5, 1-6E5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6L7	..	456
42-CIB, 42-TOB	4	2-1B4P, 1-1C6, 1-33	..	456
43-CIB, 43-TIB	4	2-1B4P, 1-1C6, 1-1F4	..	456
57-TO, 58-C1, 58-T1, 58-T2	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
68T6	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-165L4 Resistor	..	456
69T7	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-165L4 Resistor	..	456
72-C2, 72-C3, 72-T3	7	1-5Y3G, 1-6A8G, 1-6E5, 2-6K7G, 1-6L6, 1-6Q7G	..	456
73-C2B, 73-C3B, 73-T3B	7	1-6A7, 1-6E5, 2-15, 1-19, 1-75, 1-76	..	456
74 Auto	7	1-6A6, 1-6A7, 2-6D6, 1-41, 1-84/6Z4, 1-85	..	177.5
91-C4, 91-C5, 91-T4	9	1-5Z4, 1-6E5, 1-6F5, 1-6H6, 1-6J7, 2-6K7, 1-6L6, 1-6L7	..	456
346, B-6 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	177.5
347 Auto	7	1-6A7, 2-6D6, 2-41, 1-84/6Z4, 1-85	..	177.5
816, 840 (32 V.)	8	1-25Z5, 3-39/44, 2-37, 1-79, 1-85	..	177.5
4015	4	2-6C6, 1-41, 1-80	..	456
4115 (2 V. Batt.)	4	1-1C6, 1-32, 1-33, 1-34	..	456
5106, 5107, 5108, 5109, 5111, 5112, 5141, 5143	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
5212, 5212-A, 5241, 5312, 5312-A, 5341	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
5416, 5445, 5516, 5545, 5619, 5645	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
6010, 6044	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-80	..	456
6110, 6210, 6244	6	1-6A7, 1-6B7, 2-6D6, 1-25Z5, 1-43	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FAIRBANKS MORSE & COMPANY—Continued				
6317, 6346	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
6416, 6445B	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	..	456
6517, 6546	6	1-6A7, 1-6B7, 2-6D6, 1-25Z5, 1-43	..	456
6616, 6645	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
6717, 6746	6	1-6A7, 2-15, 1-19, 1-75, 1-76	..	456
7014, 7040, 7042	7	1-6A7, 1-6B7, 3-6D6, 1-42, 1-80	..	456
7117, 7146	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	456
8110, 8141	8	1-1C6, 4-30, 1-32, 2-34	..	456
8218, 8247, 8248	8	1-6A7, 3-6D6, 2-42, 1-80, 1-85	..	456
9018, 9047, 9048	9	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 3-6K7	..	456
10049, 10050	10	2-2A3, 1-5Z3, 1-6A7, 3-6D6, 1-42, 2-76	..	456
11049, 11050	11	2-2A3, 2-5Z4, 1-6A8, 1-6C5, 1-6F6, 1-6H6, 3-6K7	..	456
FARNSWORTH TELEV. & RADIO CORP.				
"FARNSWORTH"				
AT-10, 11, 12, 14, 15, 16; ATL-10, 11, 12, 14, 15, 16	5	1-12K7GT, 1-12SA7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
AT-20, 21, 22, 23	6	1-12SA7, 1-12SK7, 2-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
AT-30	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
AT-31	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z4GT	47	455
AT-40	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
ACL-55, 56, AKL-58, 59, ATL-50, 51, 52	7	1-6A8GT, 1-6J5GT, 2-6SK7, 1-6SQ7, 1-25L6GT, 1-25Z6GT	47	455
AC-70, 71, AK76	8	1-5Y3G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6G	55	455
AC-90, 91, AK-95, 96	10	1-5Y3G, 2-6J5GT, 1-6SA7, 1-6SF5, 2-6SK7, 1-6SQ7, 2-6V6G	55	455
AK-17	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
BC-80, 81	8	1-5Y3G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6G	47	455
BC-92, 101, 102	10	1-5Y3G, 2-6J5GT, 1-6SA7, 1-6SF5, 2-6SK7, 1-6SQ7, 2-6V6G	44	455
BC-102, 103, 106, 107, 108	10	1-5Y3G, 1-6J5GT, 1-6SA7, 2-6SK7, 3-6SQ7, 2-6V6	47	455
BC-104	10	1-5Y3G, 1-6H6, 1-6J5GT, 1-6SA7, 1-6SJ7, 3-6SK7, 1-6SQ7, 1-6V6	47	455
BK-85, 87, 88, 89	8	1-6J5GT, 1-6K7GT, 1-6SA7, 2-6SK7, 2-6SQ7, 1-6X5GT	47	455
BK-110, 111, 112	11	2-5Y3G, 1-6J5GT, 1-6SA7, 2-6SC7, 2-6SK7, 1-6SQ7, 2-6V6	47	455
BT-20, 22	6	1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
BT-41, BC-45	4	1-1A7G, 1-1H5G, 1-1N5G, 1-3Q5G	..	455
BT-50, 51, 52, 53, 54, 55, 56	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
BT-57	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-1Q5GT	..	455
BT-58	5	1-1A7G, 1-1H5G, 1-1N5G, 1-3Q5G, 1-117Z6G	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FARNSWORTH TELEV. & RADIO CORP.—Continued				
BT-61, 63, 66, 69, 630	6	1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
BT-68	6	1-1A7G, 1-1H5G, 2-1N5G, 1-3Q5G, 1-117Z6G	..	455
BT-70, 71; BK-73, 77, 78	7	1-6J5GT, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6X5GT	47	455
FEDERAL RADIO CORPORATION				
"FEDERAL-ORTHOSONIC"				
F-81	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
F-92	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	Super
G, H	7	3-26, 1-27, 2-71A, 1-80	..	TRF
K	7	1-24A, 3-27, 2-71A, 1-80	..	TRF
M	8	5-27, 2-45, 1-80	..	TRF
FEDERATED PURCHASERS, Inc.				
"ACRATONE"				
Acratone 17	6	1-47, 1-55, 1-56, 1-57, 1-58, 1-80	..	175
2	5	3-24A, 1-47, 1-80	..	TRF
5	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	TRF
5B	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50X3	..	456
5D, 5D LW	4	1-6C6, 1-6D6, 1-12Z3, 1-43, 1-L67B Resistor	..	TRF
5E, 5F, 5G	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49B Resistor	..	TRF
6A	10	1-5Z3, 3-56, 3-58, 3-59	..	175
6B	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
7A	6	1-2A6, 1-47, 1-56, 2-58, 1-80	..	465
7B, 7C	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
8A	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	465
8B, 9B, 11B	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
9A	4	1-25Z5, 1-43, 1-77, 1-78	..	...
12A	10	1-5Z3, 3-56, 3-58, 3-59	..	175
12B	6	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-76, 1-185R8 Resistor	..	456
13A	6	1-2A6, 1-47, 1-56, 2-58, 1-80	..	465
13B 1st Type	5	1-6A8, 1-6J7, 1-6K7, 1-25A6G, 1-25Z6G	..	456
13B 2nd Type	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6G, 1-25Z6G	..	456
14A	8	1-53, 1-55, 2-56, 3-58, 1-80	..	175
14B	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-340 Resistor	..	456
16B, 17B Early	8	1-5Z4, 2-6A8, 3-6F6, 2-6K7	..	456
16B, 17B Late	8	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 2-6K7	..	456
17	6	1-47, 1-55, 1-56, 1-57, 1-58, 1-80	..	175
18B, 19B, 20B Early	8	1-6A7, 2-6D6, 3-42, 1-75, 1-80	..	456
18B, 19B, 20B Late	8	1-6A7, 2-6B5, 2-6D6, 1-75, 1-76, 1-80	..	456
21B, 22B, 23B	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
24A	6	1-2A6, 1-47, 1-56, 2-58, 1-80	..	465
24B Early	8	1-5Z4, 2-6A8, 3-6F6, 2-6K7	..	456
24B Late	8	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 2-6K7	..	456
25B	4	1-6C6, 1-38, 1-76, 1-78	..	TRF
25D	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
26C, 27C, 28C	7	1-5Z4, 2-6C5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
27	5	1-47, 1-57, 2-58, 1-80	..	TRF
29C Early	8	1-5Z4, 2-6F6, 1-6K7, 1-6L7, 2-6Q7, 1-6U5/6G5	..	456
29C Late	8	2-5Z4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
30C, 31C	8	1-5Z4, 2-6F6, 1-6K7, 1-6L7, 2-6Q7, 1-6U5/6G5	..	456
31, 40	8	2-27, 3-35/51, 2-47, 1-80	..	175
32A, 36A	12	3-6D6, 2-25Z5, 4-33, 2-37, 1-85	..	175
32C, 33C	7	1-1C6, 1-19, 3-30, 2-34	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FEDERATED PURCHASERS, Inc.—Continued				
34C	6	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-42, 1-80	..	456
38A	5	1-47, 1-57, 2-58, 1-80	..	456
39A	8	1-2A5, 2-56, 2-57, 2-58, 1-80	..	485
40	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
40D, 40D LW	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76, 1-L498 Resistor	..	460
42	5	1-6A7, 1-6D6, 1-41, 1-75, 1-Vibrator	..	175
42D	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	175
43A, 44A	8	1-2A5, 2-56, 2-57, 2-58, 1-80	..	485
43D	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	175
44D	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	..	175
49	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	175
50	5	1-6C6, 1-6D6, 2-12Z3, 1-43	..	TRF
51	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
52	5	1-6C6, 1-6D6, 2-12Z3, 1-43	..	TRF
52A	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
52F	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30, 1-V6 Vibrator	..	456
52G	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
53, 54	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
53D, 54D	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
55D, 56D	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7, 1-6Q7	..	456
58, 59	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
58D	6	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-42, 1-80	..	456
59E	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
60E	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-85R8 Resistor	..	460
61E, 61G	5	1-6A7, 1-6K7, 1-41, 1-75, 1-80	..	456
62E, 62G	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
64F	4	1-1A4T, 1-1A6, 1-1B4P, 1-1F4	..	456
65, 66	5	1-6C6, 2-6D6, 1-12Z3, 1-43	..	455
65F	7	1-6A7, 1-6D6, 1-6E5, 1-6F5, 1-6H6, 1-25Z5, 1-43	..	456
66F	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
67F, 67G	7	1-6A7, 1-6D6, 1-6E5, 1-6F5, 1-25Z5, 1-43, 1-76, 1-L40S Resistor	..	456
68A	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	460
68F, 68G	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
69F	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-168R8 Resistor	..	456
73H	7	1-6A7, 1-6D6, 1-6U5/6G5, 2-25Z5, 1-43, 1-75, 1-L230 Resistor	..	460
73J	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 2-25Z5, 1-75, 1-L230 Resistor	..	460
75H, 75J	8	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G, 1-6U5/6G5	..	456
76H Early	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	460
76H Late—Auto Transformer	5	1-6A7, 1-6D6, 1-43, 1-75, 1-80	..	460
79, 80	12	2-46, 5-56, 2-57, 2-58, 1-80	..	175
79H	11	1-5Z3, 1-6A8, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 3-6K7	..	456
79J	11	1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	456
80H	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L9266 Resistor	..	TRF
80J	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-C9266 Resistor	..	TRF
81H	4	1-6A7, 1-6C6 or 75, 1-25L6, 1-25Z5, 1-L9266 Resistor	..	460
81J, 82J	4	1-6A7, 1-25L6, 1-25Z5, 1-75, 1-L9266 Resistor	..	460
82H Early	4	1-6A7, 1-6D6, 1-43, 1-75, 1-L9266 Resistor	..	460
82H Late	4	1-6A7, 1-6D6, 1-6Q7G, 1-25Z6, 1-L9266 Resistor	..	460
83H	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FEDERATED PURCHASERS, Inc.—Continued				
86, 87	8	1-2A5, 2-56, 2-57, 2-58, 1-80	..	485
88	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	455
88H	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
89H	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
90J	8	1-0Z4, 1-6A7, 1-6C5, 1-6D6, 1-6K7, 1-6Q7, 2-6V6	..	175
92	6	1-6B7, 3-6D6, 1-41, 1-84/6Z4	..	175
93, 94, 96, 97	7	1-6A7, 2-6D6, 1-41, 1-75, 1-76, 1-80	..	370
96H Early	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	460
96H Late—Auto Transformer	5	1-6A7, 1-6D6, 1-43, 1-75, 1-80	..	460
97H	7	1-6A7, 1-6D6, 1-6U5/6G5, 2-25Z5, 1-43, 1-75, 1-L230 Resistor	..	460
98H	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L9266 Resistor	..	TRF
100	4	1-47, 1-57, 1-58, 1-80	..	TRF
101H, 103H, 104H	11	2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-6L7, 1-75, 3-76, 1-80	..	456
105G	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	..	TRF
106G	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-C9266 Resistor	..	TRF
107G, 107H	7	1-6A7, 1-6D6, 1-6E5, 1-42, 1-75, 1-76, 1-80	..	456
108J	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	460
110J	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-M42B Resistor	..	456
111G	11	1-5Z3, 1-6A8, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 3-6K7	..	456
112G	9	1-6A8G, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 1-80	..	456
117	6	1-2A5, 1-2A6, 1-2A7, 2-58, 1-80	..	465
117J	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor	..	456
118J	3	1-6C6, 1-6D6, 1-25A7	..	TRF
121	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	..	456
127	4	1-2A5, 1-57, 1-68, 1-80	..	TRF
130K Type 1	11	1-5Z3, 1-6A8G, 1-6C6, 2-6F6G, 1-6G6G, 1-6H6G, 1-6J7G, 3-6K7G	..	456
130K Type 2	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5, 1-6J7G, 2-6K7G	..	456
132	5	1-6A7, 1-6D6, 1-38, 1-75, 1-V6 Vibrator	..	456
134	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	456
134G	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
137K, 138K	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L49BJ Resistor	..	456
141	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
142	5	1-6C6, 1-6D6, 2-12Z3, 1-43	..	TRF
143	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
144	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
146B	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-40AZMG Resistor	..	456
149	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
150	6	1-37, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
151, 153, 154, 157, 158, 163, 178, 183, 184	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	..	456
152	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
156K, 828, 838	7	1-6A7, 1-6D6, 1-6E5, 1-6F5G, 1-6V6G, 1-76, 1-80, 1-2BG Resistor	..	456
167B, 167D	4	1-1B5/25S, 1-1C6, 1-34, 1-38, 1-5DF Resistor	..	456
167K, 810	5	1-1V, 1-6A7, 1-6D6, 1-25L6G, 1-75	..	...
168B, 168D	4	1-1B5/25S, 1-1C6, 1-34, 1-38	..	456
168G	5	1-6AB5/6N5, 1-6D8G, 1-6Q6G, 1-6S7G, 1-38	..	456
169B, 169D	5	1-1B5/25S, 1-1C6, 1-19, 1-30, 1-34	..	456
169G	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FEDERATED PURCHASERS, Inc.—Continued				
171K	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2,30	..	456
179B	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
181K, 824, 834	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-76, 1-M36HG Resistor	..	456
186 to 191	12	1-6A7, 2-42, 3-76, 3-78, 2-80, 1-85	..	456
189K	3	1-6C6, 1-6D6, 1-25A7G, 1-C9266 Resistor	..	TRF
190K, 190M	6	1-6A8G, 1-6K6G, 2-6K7, 1-6Q7G, 1-6X5G	..	175
191K	6	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U7G	..	456
192	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	TRF
193, 226	8	1-2A5, 1-2A6, 1-2A7, 2-45, 2-58, 1-80	..	456
194K, 195K, 196K	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6G	..	TRF
197K	4	1-6C5, 1-6U7G, 1-25L6G, 1-25Z6, 1-L55B Resistor	..	TRF
198K	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 2-1B5R4 Resistors	..	TRF
201K, 202K, 203K	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	..	456
201L, 202L, 203L	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	..	456
204K	6	1-6A8G, 1-6G6G, 1-6J5G, 1-6Q7G, 1-6U7G, 1-6ZY5G	..	456
205K, 205M	5	1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	..	465
206K	6	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U7G	..	...
207K	8	1-5Y3G, 1-6A8G, 2-6J5, 2-6K6G, 1-6Q7G, 1-6U7G	..	456
208K	9	1-5Y3G, 1-6A8G, 3-6F6G, 2-6J5G, 1-6Q7G, 1-6U7G	..	456
209K	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-140R4 Resistor	..	456
210K	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-25B5, 1-25Z5, 2-76	..	456
211K	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
212K	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-75, 1-76, 1-140R8 Resistor	..	456
213K	5	1-1C7G, 1-1D5G, 1-1E5G, 1-1G5G, 1-1H4G	..	456
214K	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-140R4 Resistor	..	456
215	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76	..	TRF
216K	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76, 1-165R4 Resistor	..	456
217K	7	1-6A7, 1-6AB6G, 1-6D6, 1-6U5/6G5, 2-76, 1-80	..	456
219L	5	1-6C6, 1-6D6, 1-41, 1-76, 1-80	..	456
221L	4	1-6A8, 1-6J7, 1-25L6, 1-25Z5, 1-55A Resistor	..	456
222L	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6, 1-55A Resistor	..	TRF
223L	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55B Resistor	..	TRF
224L, 225L	5	1-6C6, 1-6D6, 1-41, 1-76, 1-80	..	456
225M, 234M	16	2-5Z3, 2-6H6G, 4-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
228, 229	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
230M	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	456
231M	6	2-1H4G, 1-1J6G, 1-6K8G, 1-6S7G, 1-6T7G	..	456
232M, 245M, 246M	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	..	456
233M, 236G	11	1-5Z3, 1-6A8G, 2-6F6G, 5-6J5G, 2-6K7G	..	456
237M	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-M49B Resistor	..	456
238M	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-M49HG Resistor	..	456
239M	3	1-6C6, 1-6D6, 1-25A7G, 1-BM88D Resistor	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FEDERATED PURCHASERS, Inc.—Continued				
240M	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55B Resistor	..	TRF
241M, 242M, 651	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-80	..	456
243M, 244M	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	456
247A, 247M, 520, 521	4	1-6A8, 1-6J7, 1-25L6G, 1-25Z6G, 1-62A Resistor	..	TRF
248	6	1-6A7, 2-6D6, 2-48, 1-75	..	175
248M, 249M, 250M, 251M	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
252M	7	1-6A7, 1-6D6, 1-6E5, 1-25L6G, 2-25Z5, 1-75, 1-Plug-in Resistor	..	456
253M, 254M	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-M49F Resistor	..	456
255M, 256M, 648	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-M42F Resistor	..	456
259B	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	175
260B	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
266B, 267B	10	1-6A7, 2-6D6, 2-42, 1-75, 2-76, 2-80	..	456
266G, 267G, 268G	10	1-6A8, 2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-75, 2-76, 1-80	..	456
296B, 297B	19	1-5Z4, 1-6C6, 5-42, 3-76, 6-78, 1-80, 1-84/6Z4, 1-85	..	456
322, 324, 381, 383	8	1-2A5, 1-2A6, 1-2A7, 2-45, 2-58, 1-80	..	456
844	5	1-6AB5/6N5, 1-6D8G, 1-6Q8G, 1-6S7G, 1-38	..	456
FERGUSON RADIO, Inc.				
"CHAMPION"				
5140AB, 5140AK	4	1-6A8, 1-6K7, 1-6Q7, 1-25A7, 1-K74D Resistor	42	456
6140AB, 6140AK	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6, 1-K49D Resistor	42	456
7140AK	6	1-6A8, 1-6K7, 1-6Q7, 2-25L6, 1-25Z6, 1-K30D Resistor	42	456
7140TK	6	1-6A8, 2-6K6, 1-6K7, 1-6Q7, 1-80	42	456
7340AK	6	1-6A8, 1-6K7, 1-6Q7, 2-25L6, 1-25Z6, 1-K30D Resistor	42	456
7340TK	7	1-6A8, 1-6C5, 2-6K6, 1-6K7, 1-6Q7, 1-80	42	456
8140AK	7	1-6A8, 1-6C5, 1-6K7, 1-6Q7, 2-25L6, 1-25Z6, 1-K17D Resistor	42	456
8140TK	8	1-6A8, 1-6C5, 2-6K6, 1-6K7, 1-6Q7, 1-6U5/6G5, 1-80	42	456
8340AK	7	1-6A8, 1-6C5, 1-6K7, 1-6Q7, 2-25L6, 1-25Z6, 1-K17D Resistor	42	456
8340TK	8	1-6A8, 1-6C5, 2-6K6, 1-6K7, 1-6Q7, 1-6U5/6G5, 1-80	42	456
FINK INDUSTRIES				
4, 5	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
9	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	..	Super
THE FIRESTONE TIRE & RUBBER CO.				
"FIRESTONE", "AIR CHIEF"				
S7402-1, S7402-4, S7403-4, S7403-5, S7403-6, S7426-6	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
S7403-3	5	1-5W4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
S7403-7	6	1-5Y4G, 1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-25L6G	44	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
THE FIRESTONE TIRE & RUBBER CO.—Continued				
S7403-8	6	1-5W4G, 1-6F6G, 1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
S7403-9	8	1-5W4G, 1-6F6G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
S7404-1	6	1-5W4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
S7404-2, S7404-4	8	1-5Y3G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SJ7, 1-6SK7, 1-6U5/6G5, 1-6V6G	44	455
S7404-3	10	1-5Y3G, 2-6F6G, 2-6J5G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
S7404-5	6	1-5W4G, 1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-25L6G	44	455
S7404-6	9	1-5Y3G, 2-6F6G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
S7404-7	11	1-5Y3G, 2-6J5GT, 1-6SA7, 3-6SK7, 2-6SQ7, 2-6V6G	44	455
S7404-8	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	44	455
S7406-5	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
S7406-6	8	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
S7406-7	11	1-5Y3G, 5-6J5GT, 1-6SA7, 2-6S7G, 2-6V6G	55	455
S7407-5	6	1-6A8G, 1-6Q7G, 2-6U7G, 1-6V6G, 1-6X5	51	455
S7407-6	6	1-6A8, 1-6K6G, 2-6K7, 1-6Q7, 1-6X5G	51	455
S7425-4	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z5GT	..	TRF
S7425-6	5	1-12SA8, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
S7426-6	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
S7426-7	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	47	455
S7426-8	6	1-5W4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
S7426-9	3	1-1A7G, 1-1N5G, 1-1N6G	..	455
S7427-1	7	1-5W4G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	47	455
S7427-5	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z4GT	47	455
S7427-7	5	1-5W4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
S7427-8	7	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
S7428-2	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
S7429-6	6	1-1A6G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35L6GT, 1-35Z4GT	..	455
1314	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	177.5
1322	7	2-41, 1-76, 1-77, 2-78, 1-85	..	177.5
1332	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
1431	6	2-6D6, 1-41, 1-75, 1-77, 1-84/6Z4	..	177.5
FISCHER-SMITH				
"FISCHER-SMITH"				
40	5	1-36, 2-39/44, 1-84/6Z4, 1-89	..	TRF
42	5	2-39/44, 1-41, 1-77, 1-84/6Z4	..	TRF
50	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	TRF
62	6	1-6F7, 1-42, 1-75, 2-78, 1-84/6Z4	..	175
71	7	1-6F7, 2-41, 2-78, 1-84/6Z4, 1-85	..	262
72	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	262
74	7	1-6A7, 2-6D6, 2-41, 1-84/6Z4, 1-85	..	262
FLEETWOOD RADIO CORPORATION				
"FLEETWOOD"				
GF-106	6	1-36, 1-37, 3-39/44, 1-41	..	Super
GF-110	10	2-47, 3-56, 1-57, 3-58, 1-80	..	Super
GF-111	11	2-42, 3-56, 1-57, 4-58, 1-82	..	Super
GF-114	12	4-42, 1-55, 2-56, 4-58, 1-80	..	Supe

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FORD MOTOR CAR COMPANY				
"FORD"—"LINCOLN"				
B-1805 (Majestic)...	6	3-38, 2-39/44, 1-85.....	..	175
FN, FT6 (Philco)....	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4.....	..	260
FT-9 (Philco).....	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4.....	..	260
Glove Box (Police)..	6	1-6A7S, 1-6C7, 2-6E7, 1-6Y5, 1-42.....	..	1574
N.....	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4.....	..	260
Police (Majestic)....	6	3-38, 2-39/44, 1-85.....	..	...
40-18805 (Majestic).	6	1-6A7S, 1-6C7, 2-6E7, 1-6Y5, 1-42.....	..	175
111, 111-40, 113...	6	3-38, 2-39/44, 1-85.....	..	175
118 (Majestic).....	6	1-6A7S, 1-6C7, 2-6E7, 1-6Y5, 1-42.....	..	175
1440, 1441, 1442, (Philco).....	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4.....	..	260
5601 (Zenith).....	6	2-6D6, 1-6F7, 1-42, 1-75, 1-84/6Z4.....	..	262.5

(Also See PHILCO RADIO AND TELEVISION COMPANY)

FORAGO CORPORATION (FORMERLY FORDSON EXPORT CORPORATION)

"FORDSON"

B102.....	6	1-0Z4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7.....	..	465
32, 41, 42.....	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor.....	..	456
61.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor.....	..	456
320.....	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	..	465
480.....	4	1-1B5/25S, 1-6A7, 1-34, 1-41.....	..	456
680.....	6	1-1C6, 1-19, 3-30, 1-34.....	..	465
3280.....	6	1-6A7, 1-6D6, 2-46, 1-75, 1-76.....	..	...
6321.....	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
6322.....	6	1-6A7, 1-6D6, 1-6F5, 1-25Z4, 1-43, 1-76, 1-L40S Resistor.....	..	465
7371.....	8	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5.....	..	465
14371.....	14	2-5Y3G, 1-6A8, 3-6C5, 2-6F6, 2-6H6, 3-6K7, 1-6U5/6G5.....	..	465

FRANKLIN RADIO CORPORATION

"FRANKLIN"

Rembert.....	3	1-24A, 1-27, 1-80.....	..	...
Van Horne.....	7	3-24A, 1-27, 2-45, 1-80.....	..	TRF
6 Tube Super.....	6	2-24A, 1-27, 1-35/51, 1-47, 1-80.....	..	175
43-AB or C.....	4	1-36, 1-37, 1-38, 1-39/44.....	..	TRF
44.....	4	1-25Z5, 1-36, 1-39/44, 1-43.....	..	...
53.....	5	1-25Z5, 1-43, 1-77, 2-78.....	..	456
54, 54-L.....	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78.....	..	456
63-L.....	6	1-2A6, 1-47, 1-56, 1-57, 1-58, 1-80.....	..	130
64.....	6	1-55, 1-57, 2-58, 1-59, 1-80.....	..	450
74.....	7	1-55, 1-56, 1-57, 2-58, 1-59, 1-80.....	..	...
94.....	9	1-2B7, 1-5Z3, 1-56, 2-57, 2-58, 2-59.....	..	450
100.....	6	3-36, 1-37, 2-38.....	..	175
101, 105.....	4	1-24A, 1-35/51, 1-47, 1-80.....	..	TRF
102.....	5	2-24A, 1-35/51, 1-47, 1-80.....	..	175
103.....	6	2-24A, 1-27, 1-35/51, 1-47, 1-80.....	..	Super
103 Super.....	6	2-24A, 2-35/51, 1-47, 1-80.....	..	Super
104.....	5	1-24A, 2-35/51, 1-47, 1-80.....	..	TRF
105.....	4	1-47, 1-57, 1-58, 1-80.....	..	TRF
106.....	5	1-47, 1-55, 1-57, 1-58, 1-80.....	..	Super
112.....	6	1-2A6, 1-47, 1-56, 1-57, 1-58, 1-80.....	..	Super
200.....	6	2-36, 1-37, 1-85, 2-89.....	..	175

FREED MANUFACTURING COMPANY, Inc.

"FREED-EISEMANN"

FE-30L.....	3	1-6C6, 1-6D6, 1-12A7.....	..	TRF
FE-50.....	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor.....	..	TRF
FE-55.....	5	1-1A4T, 1-1A6, 1-1B5/25S, 1-1F4, 1-30....	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FREED MANUFACTURING COMPANY, Inc.—Continued				
FE-52, FE-56, FE-56-S, FE-58....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75.....	..	456
FE-60, FE-62-P, FE-64-S.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor.....	..	456
FE-65.....	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80....	..	456
FM40, 44.....	14	1-6H6, 2-6K7, 2-6SJ7, 1-6SK7, 1-6SQ7, 3-7H7, 2-25L6, 2-25Z6.....	..	456
24.....	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor.....	..	TRF
25, 26.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor.....	..	456
27.....	7	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 2-25Z5.....	..	456
28.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49C Resistor.....	..	456
33, 33W.....	3	1-6C6, 1-6D6, 1-25A7.....	..	TRF
97.....	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80.....	..	456
98.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80.....	..	456
351, 351-L, 351-P..	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50X3.....	..	TRF
357-L, 358-L.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75.....	..	132
357-P.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76.....	..	456
369-S.....	6	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-76....	..	456
FREED TELEVISION AND RADIO CORPORATION				
"FREED"				
A-7.....	4	1-6A7, 1-6B7, 1-41, 1-78.....	..	456
A-9.....	6	1-6A7, 1-6D6, 2-37, 1-41, 1-85.....	..	456
FE-63DC.....	6	2-36, 2-39/44, 2-89.....	..	TRF
FE-94.....	4	1-24A, 1-35/51, 1-47, 1-80.....	..	TRF
FE-96DC.....	8	3-36, 1-37, 4-38.....	..	TRF
FE-97.....	8	4-36, 4-38.....	..	TRF
FE-98.....	8	2-24A, 1-27, 2-35/51, 2-47, 1-80.....	..	175
FE-99DC.....	6	2-33, 3-36, 1-37.....	..	TRF
JW-32.....	5	1-47, 1-57, 2-58, 1-82.....	..	...
NR-55, NR-56.....	8	3-26, 2-27, 2-71A, 1-80.....	..	TRF
NR-60AC.....	7	4-26, 1-27, 1-71A, 1-80.....	..	TRF
NR-70.....	8	1-10, 5-26, 1-27, 1-81.....	..	TRF
NR-78, NR-79AC...	8	5-27, 2-45, 1-80.....	..	TRF
NR-80AC.....	8	5-26, 1-27, 1-71A, 1-80.....	..	TRF
NR-85.....	8	5-26, 1-27, 1-50, 1-81.....	..	TRF
NR-90S.....	8	4-24A, 1-27, 2-45, 1-80.....	..	TRF
NR-95AC.....	9	6-27, 2-45, 1-80.....	..	TRF
NR-470.....	8	1-10, 5-26, 1-27, 1-81.....	..	TRF
51, 53DC.....	5	1-36, 2-39/44, 2-89.....	..	175
54.....	5	1-47, 1-57, 2-58, 1-82.....	..	TRF
56.....	5	1-47, 1-57, 2-58, 1-80.....	..	TRF
58.....	5	1-47, 1-55, 1-57, 1-58, 1-80.....	..	175
59.....	5	1-47, 1-57, 2-58, 1-82.....	..	TRF
72, 74, MB-7.....	7	1-47, 1-55, 1-56, 3-58, 1-80.....	..	175
86.....	8	1-47, 1-55, 2-56, 3-58, 1-80.....	..	...
90, MB-9.....	9	2-46, 1-55, 2-56, 3-58, 1-80.....	..	175
91DC.....	5	1-33, 3-36, 1-37.....	..	TRF
92, 94.....	4	1-24A, 1-35/51, 1-47, 1-80.....	..	...
92AC.....	5	1-24A, 2-35/51, 1-47, 1-80.....	..	TRF
120.....	10	2-46, 1-55, 3-56, 3-58, 1-82.....	..	Super
273DC.....	7	6-01A, 1-33.....	..	TRF
346-4.....	4	1-42, 1-77, 1-78, 1-80.....	..	TRF
354.....	5	1-6A7, 1-42, 1-75, 1-78, 1-80.....	..	456
355.....	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78.....	..	456
360, 360X.....	6	1-6A7, 1-42, 1-75, 1-76, 1-78, 1-80.....	..	175
365, 365X.....	6	1-6A7, 1-25Z5, 1-43, 1-75, 1-76, 1-78.....	..	456
464.....	6	1-6A7, 1-12A5, 1-75, 2-78, 1-84/6Z4.....	..	Super

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
FRESHMAN COMPANY, INC., CHARLES				
"FRESHMAN"				
G, M	7	4-26, 1-27, 1-71A, 1-80	..	TRF
H	8	1-10, 4-26, 1-27, 2-81	..	TRF
K, K-60S	7	1-12A, 4-26, 1-27, 1-80	..	TRF
N-2N	7	4-26, 1-27, 1-50, 1-81	..	TRF
Q, Q-15, Q-16, OD-16-S, 3-Q-15, 3-Q-16	5	1-22, 1-26, 1-27, 1-71A, 1-80	..	TRF
21 AC, 22 AC	8	3-26, 2-27, 2-71A, 1-80	..	TRF
31 AC, 32 AC	8	5-27, 2-45, 1-80	..	TRF
41 AC	9	6-27, 2-45, 1-80	..	TRF
GALVIN MANUFACTURING CORPORATION				
"MOTOROLA"				
Auto Set Dual 6, 34	6	1-42, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
B-150 Bicycle	3	1-1A7G, 1-1Q5GT, 1-3A8GT	..	...
Companion Receiver	6	1-6A7, 2-6S7G, 1-6T7G, 1-6V6G, 1-6ZY5G	..	...
Golden Voice	10	1-0Z4, 1-6A8, 1-6C5, 2-6F6, 2-6H6, 3-6K7	..	262
Golden Voice	8	1-0Z4, 1-6X5G, 1-6A8G, 1-6C5G, 1-6H6G, 1-6J5G, 2-6K7G, 1-6N7G	..	262
J-8	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	...
P-69-12	6	1-0Z4, 1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G	..	262
P69-13	8	1-0Z4, 1-6A8G, 2-6C5G, 1-6H6G, 1-6K6G, 2-6K7G	..	262
P69-14	6	1-0Z4 or 6W5, 1-6J8G, 1-6K6G, 1-6Q7G, 2-6SK7	..	262
S10	8	2-45, 1-56, 1-77, 2-78, 1-83, 1-85	..	...
Super 6	6	2-12A5, 1-77, 2-78, 1-85	..	456
Twin 8, 100	8	2-6A4/LA, 1-37, 1-77, 2-78, 1-84/6Z4, 1-85	..	262
5-T, 5-T-1, 5-T-2, 5-Y	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
5-T-71A	5	3-24A, 1-38, 1-71A	..	TRF
6	6	2-12A5, 1-77, 2-78, 1-85	..	456
6A	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
6A1	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
6T	6	1-5Y3G, 1-6A8G, 1-6H6G, 1-6J5G, 1-6K7G, 1-6V6G	..	465
6T12	5	1-01A, 2-12A, 2-24A	..	TRF
6X	5	1-6D8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49C Resistor	..	465
6Y	6	1-5Y3G, 1-6A8G, 1-6H6G, 1-6J5G, 1-6K7G, 1-6V6G	..	465
6-3, 6-6	5	1-6A8G, 1-6K6G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49C Resistor	..	465
7T38	7	3-24A, 2-37, 2-38	..	TRF
7T38A	6	2-35/51, 2-37, 2-38	..	TRF
7T47A	7	2-6A4/LA, 2-37, 3-39/44	..	175
7-69	8	1-0Z4, 1-7A6, 2-7A7, 1-7B6, 1-7B8, 2-7C5	..	262
8-30, 8-40	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	262
8-50, 8-60	6	1-0Z4, 1-6A7, 1-41 or 42, 1-75, 2-78	..	262
8-70, 8-80	7	1-0Z4, 1-6A8G, 1-6C5G, 2-6K7G, 1-6V6G, 1-6V7G	..	262
9-A, 9-R, 9-Y	9	1-5Y3G, 1-6A8G, 1-6H6G, 2-6J5G, 2-6K7G, 1-6U5/6G5, 1-6V6G	..	465
9-24	6	1-0Z4, 1-7A8, 1-7B5, 2-7B7, 1-7C6	..	455
9-29, 9-39, 9-44	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	262
9-49	6	1-0Z4, 2-6A7, 1-7B5, 1-7B6, 1-7B8	..	262
10Y-1	10	1-5Y3G, 1-6A8G, 1-6B8G, 1-6H6, 1-6J7G, 2-6K7G, 1-6R7G, 1-6U5/6G5, 1-6V6G	..	465
10-Y, 10-Y-1	10	1-5Y3G, 1-6A8G, 1-6H6G, 2-6J5G, 3-6K7G, 1-6U5/6G5, 1-6V8G	..	465
12-Y, 12-Y-1	12	1-5X4G, 1-6A8G, 1-6H6G, 2-6J5G, 1-6J7G, 3-6K7G, 1-6R7G, 1-6U5/6G5, 1-6V6G	..	465

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GALVIN MANUFACTURING CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
15-F (Ford)	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	455
16-C (Chevrolet)	6	1-0Z4, 2-7A7, 1-7B5, 1-7B6, 1-7B8	..	455
17-D (Chrysler)	6	1-0Z4, 1-6A7, 1-6F6, 1-6Q7GT, 2-78	..	455
18-O (Oldsmobile)	6	1-0Z4, 2-7A7, 1-7B6, 1-7B8, 1-7C5	..	455
19-B (Buick)	7	1-0Z4, 2-7A7, 1-7B6, 1-7B8, 2-7C5	..	455
20-P (Pontiac)	7	1-0Z4, 1-6A7, 1-6Q7GT, 2-41, 2-78	..	455
21-L (Cadillac, LaSalle)	7	1-0Z4, 1-6A7, 1-6Q7GT, 2-41, 2-78	..	455
22-S (Studebaker)	6	1-0Z4, 1-6A7, 1-41, 1-75, 2-78	..	455
24-K (Packard)	7	1-0Z4, 1-6A7, 1-6Q7GT, 2-41, 2-78	..	455
25F	6	1-0Z4, 1-6K6GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	44	455
25-N (Nash, Lafayette)	6	1-0Z4, 1-6A7, 1-41, 1-75, 2-78	..	455
26C	6	1-0Z4, 1-6A8GT, 1-6K6GT, 2-6K7GT, 1-6Q7GT	44	455
26C7	7	1-0Z4, 2-6K6GT, 2-6K7GT, 1-6Q7GT, 1-6SA7GT	44	455
27-D, 28-O	7	1-0Z4, 2-6K6GT, 2-6K7GT, 1-6Q7GT, 1-6SA7GT	55	455
27D-6	6	1-0Z4 or 6X5, 1-6A8GT, 1-6K6GT, 2-6K7GT, 1-6Q7GT	44	455
29-B	7	1-0Z4 or 6X5, 1-6Q7GT, 1-6SA7GT, 2-6SK7GT, 2-6V6GT	51	455
29B-6	6	1-0Z4, 1-6K6GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	51	455
30-P	7	1-0Z4, 2-6K6GT, 2-6K7GT, 1-6Q7GT, 1-6SA7GT	55	455
34, D6	6	1-42, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
34K6	6	1-0Z4, 1-6K6GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	..	455
34K7	7	1-0Z4, 2-6K6, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	..	455
35N	6	1-0Z4, 1-6K6GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	44	455
40, 40-B	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
40-50W	5	1-6A8GT, 1-6K6GT, 1-6SK7GT, 1-6SQ7GT, 1-80	44	455
40-60W	6	2-6K7GT, 2-6SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
41A, 41B, 41D, 41E, 41F	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	44	455
41H	4	1-1A7GT, 1-1Q5GT, 1-3Q8GT, 1-25Z6GT	..	455
41S, 51D, 52D	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
44	5	1-12A5, 1-75, 1-77, 2-78	..	456
49BT1, 49BT2	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	51	455
50	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	262
50X1, 2, XC1, XC3, XC4, XH1, XW, 56X1, 56XA1, 56XAW	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
51A, 53A, 54A Early	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	455
51A, 53A, 54A Late	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
51B, 52C1, 52C2, 52C3, 52C4, 53C	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	455
51D	4	1-1A7G, 1-1H5GT, 1-1N5G, 1-1Q5G	44	455
52T, 52Y	4	1-1C7G, 1-1D5G, 1-1F7G, 1-1G5G	..	465
52T1	5	1-6A8GT, 1-6K7GT, 1-6SQ7GT, 1-41, 1-80	47	455
55	5	1-6A4/LA, 1-75, 1-77, 2-78	..	456
56T, 56Y	5	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G, 1-6Z7G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GALVIN MANUFACTURING CORPORATION—Continued				
57	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
59K1	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	455
59T1, 59T3	4	1-6C6, 1-6D6, 1-25A7G, 1-75, 1-M73B Resistor	51	455
59T2, 59T3, 59T4, 59T5	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	455
60, 60A	6	1-6A7, 1-6B5, 1-75, 2-78, 1-84/6Z4	..	262
60X1, 2, XA1, XA2, XW, 61XW	6	1-12SA7GT, 2-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-35L6GT	47	455
61	6	2-36, 1-37, 1-41, 1-85, 1-BR	..	175
61A, 61B, 61E, 62A, 62B, 62E, 63A, 63E	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	455
61C, 61D Early	5	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	44	455
61C, 61D Late	6	1-6A7, 2-6D6, 1-41, 1-75, 1-80	44	455
61F	6	1-6A7, 1-6D6, 1-6Q7GT, 2-25B6G, 1-25Z5	44	455
62T1	6	1-6A8GT, 2-6SK7GT, 1-6SQ7GT, 1-41, 1-80	44	455
65	6	1-6A7, 1-6AB6G, 1-6X5G or 0Z4, 1-75, 2-78	..	262
66	6	2-12A5, 1-77, 2-78, 1-85	..	462
69K1	6	1-6A7, 1-6D6, 1-6Q7GT, 2-25B6G, 1-25Z5	51	455
70	6	1-6A7, 1-6X5G or 0Z4, 1-42, 1-75, 2-78	..	262
71A	7	1-6A7, 1-6D6, 2-6SQ7GT, 2-25B6G, 1-25Z5	44	455
72C	7	1-5W4GT, 1-6A8GT, 1-6K7GT, 2-6Q7GT, 2-6V6G	47	455
75	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
77	7	2-6A4/LA, 3-39/44, 1-75, 1-77	..	456
77A	7	2-12A5, 1-77, 3-78, 1-85	..	456
77A (B)	7	2-12A5, 1-37, 1-77, 2-78, 1-85	..	456
80	8	1-0Z4, 1-6A8, 1-6C5, 1-6H6, 2-6K7, 2-6N6	..	262
81C	8	1-6A7, 1-6D6, 2-6Q7G, 2-41, 1-76, 1-80	44	455
82A	8	1-6A7, 1-6D6, 2-6Q7G, 2-41, 2-84/6Z4	44	455
88	8	2-36, 1-37, 2-38, 1-39/44, 1-85, 1-BR	..	175
89K1, 89K2	8	1-6A7, 2-6D6, 2-42, 2-75, 1-80	44, 51	455
89K3	8	1-6A7, 1-6D6, 2-42, 2-75, 1-76, 1-80	44, 51	455
90	10	1-0Z4, 1-6A8, 1-6C5, 2-6F6, 2-6H6, 2-6K7, 1-6R7	..	262
100	8	2-6A4/LA, 1-37, 1-77, 2-78, 1-84/6Z4, 1-85	..	262
109K1, 109K2	10	1-5Z3, 1-6A8G, 2-6F6G, 1-6H6G, 1-6J5G, 2-6K7G, 1-6Q7G, 1-6V7G	44, 51	455
250	6	1-0Z4 or 6X5, 1-6A8GT, 1-6K6GT, 2-6K7GT, 1-6Q7GT	55	455
280	7	1-0Z4, 2-6K6GT, 2-6K7GT, 1-6Q7GT, 1-6SA7GT	55	455
300, 350, 400	6	1-0Z4, 1-6A8GT, 1-6K6GT, 2-6K7GT, 1-6Q7GT	51	262
450	7	1-0Z4 or 6X5, 2-6K6GT, 1-6K7GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	50	262
496BT1	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G or 6Q6G	51	455
500	7	1-0Z4 or 6X5, 1-6A8GT, 2-6K6GT, 2-6K7GT, 1-6Q7GT	51	262
550	6	1-0Z4, 1-6A8GT, 1-6K6GT, 2-6SK7GT, 1-6SQ7GT	..	262
700	8	1-0Z4, 1-6A8GT, 2-6K7GT, 1-6Q7GT, 1-6SQ7GT, 2-6V6GT	51	262
GAMBLE SKOGMO, Inc.				
"CORONADO"				
A1-762	8	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6U5/6G5, 1-6V7G	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GAMBLE SKOGMO, Inc.—Continued				
A2-774	11	1-5Y3G, 2-6C5, 2-6F5, 1-6H6, 2-6J7, 1-6U5/6G5, 2-6U7G	51	456
A3-776	13	2-5Y3G, 3-6C5, 1-6H6G, 1-6J7, 2-6L6G, 1-6U5/6G5, 3-6V7G	51	456
A11-802, 804	4	2-6J7, 1-25L6, 1-25Z6, 1-L558 Resistor	44	456
A12-864	11	1-5Y3G, 2-6F6, 1-6H6, 2-6J5, 2-6J7, 1-6U5/6G5, 2 6U7G	51	456
C671	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
C509	5	1-1A7GT, 1-1H5GT, 2-1N5G1, 1-3Q5GT	..	455
C533	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	465
C800	8	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
C901	9	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
C1100	11	1-5Y3G, 1-6J5GT, 1-6SA7, 3-6SK7, 2-6SQ7, 1-6U5/6G5, 2-6V6GT	44	455
Regal	4	1-47, 1-57, 1-58, 1-80	..	TRF
S100 Early	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	40	TRF
S100 Late	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6	47	TRF
S200	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
Symphony	5	1-19, 1-30, 1-32, 2-34	..	456
T2-810	7	1-6A8, 1-6J5, 1-6N7, 3-6V7G, 1-25A6	51	456
TNF-70	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-35Z5G	47	456
Z521	10	2-56, 1-57, 3-58, 3-59, 1-80	..	175
Z530	12	3-56, 2-57, 3-58, 3-59, 1-80	..	175
06A	5	1-19, 1-30, 1-32, 2-34	..	175
07A	7	1-6C6, 2-6D6, 2-37, 1-42, 1-80	46	175
1A29-4954	11	1-5Y3G, 1-6C8G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6	51	456
5B3	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	456
5D2-4912, 4914	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6, 1-35Z5	..	456
5Y	5	1-6C6, 2-6D6, 1-41, 1-75	..	175
6A43-3058	6	1-5Y3G, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	456
6B7-4946, 4002, 6B10-3006	6	1-1A7G, 1-1H5G, 2-1N5G, 1-3Q5GT, 1-35Z5G	51	456
6C1	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
6C9	6	1-6H6, 1-6SA7, 3-6SK7, 1-6V6	51	456
6D	6	1-6A6, 1-6A7, 2-6D6, 1-43, 1-85	44	175
6J, 6K	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	51	175
6L, 6R, 6S	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
6U	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5
7C	7	1-19, 3-30, 3-34	..	175
7J-512, 574	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	46	456
7P-608	7	1-6A6, 1-6A8, 3-6K7, 1-43, 1-85	51	456
7RL	8	1-6B7, 1-6F6, 3-6K7, 1-6U5/6G5, 1-76, 1-80	51	456
8A30-4956	8	1-5Y3G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6V6	51	456
11B	11	2-5Y3G, 1-6A8, 2-6C5, 1-6F5, 2-6K7, 2-6L6, 1-6U5/6G5	51	456
15CB	5	1-6A8, 1-6F5, 1-6H6, 1-6K6, 1-6U7	51	456
20C8	10	4-6D6, 2-45, 3-76, 1-80	46	456
20DM578	10	4-6K7, 2-45, 3-76, 1-80	46	456
22CM576	12	3-6F6, 4-6K7, 3-76, 2-80	46	456
26B5	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
26-FM	16	4-2A3, 2-5Z3, 1-6B7, 1-6F7, 4-6K7, 1-45, 3-76	..	456
26R1, 26S1	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
27C1, 27C5	7	1-19, 3-30, 3-34	..	175
30A	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
31B, 31BT	6	1-1C6, 1-19, 2-30, 2-34	40	465
34B, 34BT	4	1-1B5/25S, 1-1C6, 1-34, 1-38	40	465
36L	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	46	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GAMBLE SKOGMO, Inc.—Continued				
42DL670	13	2-5Y3G, 3-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	51	456
46L1	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
47LL668	8	1-5Y3G, 1-6C5, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	51	456
51C	5	1-47, 2-57, 1-58, 1-80	..	175
71C	7	1-2A5, 1-55, 1-56, 1-57, 2-58, 1-80	41	175
77, 77A	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	456
85	5	2-24A, 1-35/51, 1-47, 1-80	..	262
90	5	4-32, 1-33	..	175
400A, 410B	4	1-1C6, 1-32, 1-33, 1-34	..	456
401	4	1-6F5, 1-6K7, 1-25L6, 1-25Z6	..	TRF
404	4	1-1A6, 2-32, 1-33	..	465
415	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
425	4	1-47, 1-57, 1-58, 1-80	..	TRF
430	3	1-1A6, 1-19, 1-33	..	456
457	4	1-47, 1-57, 1-58, 1-80	..	TRF
460	4	1-6A7, 1-6C6, 1-42, 1-80	46	456
476	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	456
489	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	465
501	5	1-30, 2-32, 1-33, 1-34	..	456
504	5	1-1F5G, 1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G	..	465
510, 511	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	456
512	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
516	5	1-19, 1-30, 1-32, 2-34	..	456
520	4	1-6A8, 1-6J7, 1-25L6, 1-25Z6, 1-62A Resistor	..	465
521	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	46	456
525	5	2-6D6, 1-25Z5, 1-43, 1-75	..	456
526	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55C Resistor	46	TRF
527 Early	5	1-5Y3G, 1-6A8, 1-6K6, 1-6K7, 1-6Q7	51	465
527 Late	5	1-5Y3G, 1-6A8, 1-6K6, 1-6K7, 1-6Q7	44	465
533	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5, 1-50L6	47	465
540	5	2-6D6, 1-25Z5, 1-43, 1-75	..	456
541	4	1-1C7, 1-1D5, 1-1G5G, 1-1H6	..	456
550	5	1-1A6, 1-30, 1-32, 1-33, 1-34	..	456
552	16	4-2A3, 2-5Z3, 1-6B7, 1-6F7, 4-6K7, 1-45, 3-76	..	456
566	5	1-6A8, 1-6K7, 1-41, 1-75, 1-84/6Z4	51	465
574	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
575	5	1-2A5, 2-57, 1-58, 1-80	..	175
576	12	3-6F6, 4-6K7, 3-76, 2-80	..	456
577C, 577D	5	1-6K6, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5	51	465
578	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
580	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	175
585 Series A	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
585 Series B, C	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	465
586A	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
600	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	46	456
601 A, B, C	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	51	465
602 A, B, C	5	1-6A8, 1-6K7, 1-6R7, 1-25L6, 1-25Z6, 1-L49B Resistor	51	465
623	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	46	456
636 A, B, 640	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6, 1-35Z5	47	465
640	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
645	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	46	456
648	6	1-6A7, 1-6AC5, 1-6D6, 1-75, 1-76, 1-80	44	455
650	6	2-1A4T, 1-1C6, 1-30, 2-950	..	456
660	6	1-6A7, 2-6D6, 1-75, 1-84/6Z4, 1-89	..	175
670	6	1-6C6, 1-6D6, 1-42, 1-75, 1-78, 1-84/6Z4	..	175

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GAMBLE SKOGMO, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
670A	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	175
671	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
675	6	1-2A5, 1-2A6, 1-27, 1-57, 1-58, 1-80	..	370
675A, 685B	5	1-1C7G, 2-1D5G, 1-1H5G, 1-1G5G	233	456
677	6	1-6A8, 2-6K7, 1-6Q7, 1-6V6, 1-6X5	51	465
678A, 678C	6	1-6A8, 1-6J5, 1-6K7, 1-6N7, 1-6Q7, 1-6SK7	50	465
680	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	175
686 Series A, B	7	1-5Y3G, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
690	6	1-5Y3G, 1-6A8, 2-6K6, 1-6K7, 1-6Q7	51	456
715B	7	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 1-6K7, 1-6Q7	51, 43	456
735	7	1-6A7, 1-6D6, 1-6Q7, 1-6U5/6G5, 1-6V6, 1-76, 1-80	46	456
740	7	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 1-6K7, 1-6Q7	51	465
750	7	1-2A7, 2-45, 1-55, 2-58, 1-80	..	175
761	7	1-5Y3G, 1-6A8, 2-6F6, 1-6J5, 1-6K7, 1-6Q7	51	465
767	7	1-5Y3G, 1-6J5, 2-6K6, 1-6K7, 1-6K8, 1-6Q7	51	465
770	7	1-6B7, 1-6C5, 1-6C6, 2-6K7, 1-42, 1-80	..	465
777C, 777 Series A	7	1-6C6, 2-6D6, 1-42, 1-75, 1-76, 1-80	..	465
777C, 777 Series B	7	1-6B7, 1-6C6, 2-6D6, 1-42, 1-76, 1-80	..	465
778A	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7	..	465
780, 780B	7	1-1B5/25S, 1-1C6, 1-19, 2-30, 2-34	..	456
787	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	46	465
796	7	1-5Y3G, 1-6J5, 2-6K6, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
802A	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	456
803	5	1-6D8, 1-6G6G, 1-6S7, 1-6T7, 1-6ZY5	..	456
806A	4	1-1C7GT, 1-1D5GT, 1-1G5GT, 1-1H6GT	..	456
807B	7	1-5Y3G, 1-6A8, 1-6F5, 1-6J5, 1-6K6G, 1-6K7, 1-6U5/6G5	51	456
810	8	1-6A8, 1-6C5, 1-6F5, 1-6K7, 1-6U5/6G5, 2-41, 1-80	51	456
813A, B	5	2-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	456
816B	8	1-5Y3G, 1-6A8, 2-6K6, 2-6K7, 1-6Q7, 1-6U5/6G5	51	456
822	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	13	465
850	8	2-1A4T, 1-1C6, 3-30, 2-950	233	456
907	7	1-5W4, 1-6AC5, 2-6P5GT, 1-6SA7, 1-6SK7, 1-6SQ7	51	456
908	8	1-5W4, 1-6AC5, 3-6P5GT, 1-6SA7, 1-6SK7, 1-6SQ7	51	456
910	6	1-5W4GT, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
940	4	1-1A5GT, 1-1B7GT, 1-1H5GT, 1-1P5GT	..	456
950A	5	1-1A7GT, 2-1C5GT, 1-1H5GT, 1-1N5GT	..	456
951, 953	5	1-1B7GT, 1-1H5GT, 2-1P5GT, 1-1Q5GT	..	456
961	5	1-6D8, 1-6G6, 1-6S7, 1-6T7, 1-6ZY5	..	456
962	6	1-1B7GT, 1-1H5GT, 2-1P5GT, 2-1Q5GT	..	456
970	7	1-5Y3G, 1-6A8, 1-6K6, 1-6K7, 1-6P5GT, 1-6Q7, 1-6U5/6G5	51	456
980B	8	1-5Y3G, 1-6A8, 2-6K6, 1-6K7, 1-6P5GT, 1-6Q7, 1-6U5/6G5	51	456
990	9	1-5Y3G, 1-6A8, 2-6K6GT, 2-6K7, 1-6P5GT, 1-6Q7, 1-6U5/6G5	51	456
1010B	10	1-5Y3G, 3-6J5GT, 2-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	51	456
1040A	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT	..	456
1041	10	1-5Y3G, 2-6F6, 1-6P5GT, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5	44	465
1050	11	1-2A7, 2-45, 4-56, 2-58, 1-80, 1-Tun-a-lite P-1065	..	175
1170	11	1-5Z4, 1-6C5, 1-6F5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	46	465
1070A	7	1-5Y3G, 1-6J5GT, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GAMBLE SKOGMO, Inc.—Continued				
2078D	5	1-47, 2-57, 1-58, 1-80	..	455
2090	9	3-46, 1-56, 2-57, 2-58, 1-80	..	262
2092, 2094	10	3-46, 3-56, 3-58, 1-80	..	262
7735, 7742, 7755	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	465
GAROD RADIO CORPORATION				
"GAROD"				
B37	7	3-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	...
BP9, BP10	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-40Z5/45Z5GT	..	455
BP11	5	1-1R5, 1-1S5, 1-1T5, 1-3Q5GT, 1-35Z5GT	..	455
BP11S	5	1-1A5GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	455
BP12	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1T5GT, 1-35Z5GT	47	455
BP12Q	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	47	455
BP15	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z5GT	..	455
BP36	6	1-1A7G, 1-1H5G, 2-1N5G, 1-3Q5G, 1-70L7GT	47	455
BP37, BP38	7	1-1A7G, 1-1H5G, 2-1N5G, 1-3Q5G, 1-35Z5GT, 1-50L6GT	47	455
C117, 327, 347, 3720	7	1-5W4, 1-6J5, 1-6K5G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
C118, 328	7	1-6J5, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 2-25L6, 1-L36DJ Resistor	44	455
C119, 3011	10	1-6A8, 2-6J5, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-25L6, 1-25Z6	47	455
C120, 4011	11	1-5Y3G, 3-6J5, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6	44	455
C124, 4014	13	2-6J5, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 4-25L6, 2-25Z6, 1-L49J Resistor	44	455
D26	6	1-5W4GT, 1-6K6G, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	44	455
D42	7	1-5W4GT, 1-6K6G, 1-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
D69, 71, 85A, 91	8	1-5W4, 1-6K6G, 2-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
GE	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	...
Hi-Fidelity Amplifier	6	1-5U4G, 3-6J5, 2-6L6	..	455
Hi-Fidelity Tuner	9	1-6C8G, 1-6J5, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6X5GT	44, 51	455
M32, M32 LW	7	1-6A7, 1-6F5, 1-6H6, 1-6K7, 2-25Z5, 1-43	..	456
M33, M33 LW	7	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-3-40 Ballast	..	456
Teeny 2, 3, 4, 5	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
25	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
26	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
27	7	1-6A7, 3-6D6, 1-42, 1-76, 1-80	..	456
31, 31 LW	7	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43, 1-3-40 Ballast	..	456
33, 33 LW	7	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-76, 1-3-40 Ballast	..	456
35 SW	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	456
49, 49M	10	1-6A8, 2-6C5, 1-6E5, 1-6H6, 2-6K7, 2-45, 1-80	..	456
51, 52	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	51	455
58	8	1-6A7, 2-6D6, 2-25Z5, 2-43, 1-85	..	456
60	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-BK49D Resistor	..	456
66	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GAROD RADIO CORPORATION—Continued				
73, 73 LW	7	1-6A7, 3-6D6, 1-42, 1-76, 1-80	..	456
83, 83 LW	8	1-6A7, 2-6D6, 2-25Z5, 2-43, 1-85	..	456
104, 104M	11	1-6A7, 1-6E5, 2-6K7, 2-25Z5, 4-43, 1-85	..	456
105, 125, 135, 225A, 225B, 245, 255, 265, 275, 285	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5, 1-50L6	51	455
159	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
250	5	1-6A7, 1-6K7, 1-42, 1-75, 1-80	..	456
259	5	1-6D6, 1-6K8G, 1-6Q7G, 1-42, 1-80	..	456
269, 369, 369T	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
360, 361	6	1-5Z4, 1-6A8, 1-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
379, 3790	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
380, 381	8	1-5Z4, 1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6L7, 1-6U5/6G5	..	456
399	9	1-6A7, 1-6AF6G, 3-6D6, 1-6F6G, 1-6K8G, 1-6Q7G, 1-80	..	456
425	5	1-6A8, 1-6K6GT, 1-6SK7, 1-6SQ7, 1-6X5GT	44	455
493	9	2-6D6, 1-6K8, 1-6Q7, 1-6U5/6G5, 2-25L6, 1-25Z5, 1-76	47	455
511A, 511G, 511P	12	1-5Z3, 1-6A8, 2-6C5, 1-6E5, 1-6H6, 4-6K7, 2-45	..	456
514	14	1-6A7, 2-6C5, 1-6H6, 4-6K7, 2-25Z5, 4-43	..	456
520	20	2-5Z3, 1-6A8, 4-6C5, 1-6E5, 2-6H6, 5-6K7, 5-45	..	456
619, 619C	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-6.133A Resistor	..	456
620	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-BK49D Resistor	..	456
629	5	1-6D6, 1-6K8G, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L55DJG Resistor	..	456
729, 739, 739T, 7390, 7390T	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L49BJG Resistor	..	456
730, 731	6	1-6A8, 1-6K7, 1-6Q7, 1-6U5/6G5, 1-25A6, 1-25Z6, 1-BL42D Resistor	..	456
769	6	1-6A7, 1-6D6, 1-6F5, 1-25L6G, 1-25Z5, 1-76, 1-L49BJG Resistor	..	456
839	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L36DJG Resistor	..	456
930, 931	9	1-6A8, 2-6K7, 1-6R7, 1-6U5/6G5, 2-25A6, 1-25Z5, 1-25Z6	..	456
939, 9390	9	1-6A8G, 1-6B8G, 1-6K7, 1-6Q7G, 1-6U5/6G5, 2-25L6, 2-25Z6G	..	456
1039, 1049	10	1-6A8G, 1-6B8G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z6G	..	456
1649	16	1-6AF6G, 1-6A8G, 2-6C5, 1-6H6, 3-6K7, 1-6K8, 4-25L6, 3-25Z5	..	456
1650	16	2-6C6, 1-6H6, 5-6K7, 1-6L7, 1-6U5/6G5, 4-25A6, 2-25Z5	..	456
2150	21	2-6C5, 1-6H6, 6-6K7, 1-6L7, 1-6R7, 1-6U5/6G5, 6-25A6, 3-25Z6	..	456
3119K	11	1-6D6, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 4-76, 1-80	..	456
4110	11	1-5Z4, 2-6C5, 1-6H6, 3-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	..	456
4124	12	1-6K8, 2-6SK7, 2-6SQ7, 1-6U5/6G5, 4-25L6, 2-25Z5	44	455
4159	15	1-6AF6G, 1-6A8G, 4-6C5, 1-6H6, 3-6K7, 1-6K8, 2-6V6G, 2-80	..	456
4410	10	2-6J5, 1-6K8, 2-6SK7, 1-6U5/6G5, 2-6V6, 1-76, 1-80	44	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GAROD RADIO CORPORATION—Continued				
5140	14	1-5Z4, 3-6C5, 1-6H6, 5-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	..	456
5240	24	2-5Z3, 4-6C5, 2-6H6, 7-6K7, 4-6L6, 1-6L7, 1-6R7, 1-6U5/6G5, 1-6U7, 1-6X5	..	456
7090	6	1-6D6, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L498JG Resistor	..	456
GAYLORD MANUFACTURING COMPANY				
"GAYLORD"				
510, 512	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
610, 612, 615, 620	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
710, 720	7	1-6A7, 3-6D6, 1-42, 1-75, 1-80	..	456
800, 801, 810, 811, 812	8	1-5Z3, 1-6A8, 1-6C5, 1-6F6, 2-6K7, 1-6R7, 1-6U5/6G5	..	465
900, 910, 911, 912, 920, 921, 940, 941, 950, 951, 952, 953, 954, 955	9	1-5Z3, 1-6A8, 1-6C5, 2-6F6, 2-6K7, 1-6R7, 1-6U5/6G5	..	465
1010, 1020	10	1-5Z3, 1-6A6, 1-6A7, 2-6B5, 3-6D6, 1-75, 1-76	..	456
GENERAL ELECTRIC COMPANY				
"GENERAL ELECTRIC"				
A-51	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	..	465
A-52, A-55	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	46	465
A-53	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7	46	465
A-54	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	46	465
A-60	6	1-37, 3-39/44, 1-85, 1-89	..	175
A-63, A-65	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	46	465
A-64, A-67	6	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 1-6J7, 1-6K7	46	465
A-70, A-75	7	1-5Z4, 1-6A8, 1-6C5, 1-6F6, 1-6H6, 2-6K7	46	465
A-81	8	4-30, 1-32, 3-34	..	175
A-82, A-87, 88	8	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 2-6K7	46	465
A-83, A-85	8	1-5Z4, 1-6A8, 1-6F5, 2-6F6, 1-6H6, 2-6K7	46	465
A-90	9	2-12A, 3-36, 4-37	..	175
A-125	12	1-5Z4, 1-6C5, 1-6F5, 3-6F6, 2-6H6, 3-6K7, 1-6L7	46	465
A-205, A-208	20	3-5Z4, 2-6C5, 8-6F6, 2-6H6, 4-6K7, 1-6L7	46	465
A-205E, A-208E	19	3-5Z4, 1-6B8, 3-6C5, 4-6F6, 1-6H6, 4-6K7, 2-6L6, 1-6L7	46	465
B-40	4	1-6A7, 1-6B7, 1-78, 1-89	..	175
B-52	5	1-1V, 1-6A7, 1-6B7, 1-41, 1-78	..	175
B-81, B-86	8	5-30, 1-32, 2-34	..	175
BX	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
C30 Batt	3	1-38, 1-77, 1-78	..	...
C41 Auto	4	1-6A7, 1-6B7, 1-41, 1-78	..	175
C60	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
C61	6	1-6A7, 2-6D6, 1-41, 1-75, 1-79	..	175
C62	4	1-1A6, 1-30, 1-32, 1-34	..	460
C67	6	1-6A7, 1-6B7, 2-6D6, 1-38, 1-84/6Z4	..	175
C70, C75	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
D50, D51, D52	5	1-6A7, 1-6B7, 2-6D6, 1-41	..	175
D72	7	1-6A6, 1-6A7, 1-6B7, 2-6D6, 1-76, 1-84/6Z4	..	175
E50, E52	5	1-5W4, 1-6A8, 1-6C5, 1-6F6, 1-6K7	46	465
E51	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	46	465
E52	5	1-5W4, 1-6A8, 1-6C5, 1-6F6, 1-6K7	..	465
E61, E62, E68	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	46	465
E71, E72, E76, E79	7	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	46	465
E81, E86	8	1-5Z4, 1-6A8, 1-6F5, 1-6H6, 3-6K7, 1-6L6	46	465
E91, E95	9	1-5Z4, 1-6A8, 1-6C5, 1-6F5, 1-6H6, 3-6K7, 1-6L6	47	465
E101, E105, E106	10	1-5Z4, 1-6A8, 1-6C5, 1-6F5, 1-6H6, 1-6J7, 3-6K7, 1-6L6	47	465

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GENERAL ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
E115	11	2-5W4, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7.	..	465
E126, E129	12	1-5Z4, 1-6C5, 2-6F6, 1-6H6, 1-6J7, 5-6K7, 1-6L7	47	465
E155	15	2-5Z4, 1-6C5, 1-6F6, 2-6H6, 1-6J7, 5-6K7, 2-6L6, 1-6L7	47	465
F40	4	1-6A7, 1-6B7, 1-41, 1-80	46	455
F51	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	46	455
F53	5	1-5W4, 1-6A8, 1-6C5, 1-6F6, 1-6K7	40	465
F63, F65, F66	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-41, 1-80	46	465
F70, F75, F78 Phono	8	1-6A8, 1-6F5, 1-6H6, 3-6K7, 1-42, 1-80	46	465
F74, F77	7	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-6U5/6G5, 1-41, 1-80	46	465
F80, 85, 88	8	1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6U5/6G5, 1-42, 1-80	46	465
F81, 86	8	1-6A8, 1-6F5, 1-6H6, 3-6K7, 1-42, 1-80	46	465
F96	9	1-6A8G, 1-6F5, 1-6H6, 1-6J5G, 3-6K7, 1-42, 1-80	46	465
F107, 109	10	1-5Z3, 1-6A8, 2-6H6, 2-6J5G, 3-6K7, 1-6L6G	46	465
F135	13	1-5Z3, 2-6H6, 4-6J5G, 3-6K7, 2-6L6G, 1-6L7	46	465
F665	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-41, 1-80	..	465
FA60, 61	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	44	175
FA80	8	1-6A8, 2-6C5, 1-6H6, 2-6K7, 1-6N7, 1-6R7.	44	175
FB52, 53, 56, 57	5	1-1C7G, 2-1D5G, 1-1F5G, 1-1F7G	..	465
FB72, 73, 76, 77	7	1-1C7G, 2-1D5G, 1-1E5G, 1-1F7G, 1-1H4G, 1-1J6G	..	465
FD61	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 1-25Z5	..	...
FD62, 625, 625T	5	1-6A8, 1-6K7, 1-6Q7, 1-25Z5, 1-43, 1-BL49C Resistor	46	465
FD100, 105	8	1-1C7G, 2-1D5G, 1-1F5G, 1-1F7G, 3-25Z6G, 1-RR766, 1-RR767 Resistors	48	...
FDE62	6	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43.	46	...
FDE112	11	1-6F5, 2-6H6, 1-6J5G, 3-6K7, 1-6L7, 1-6U5/6G5, 1-25Z5, 1-43	46	...
FE51	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	46	...
FE62, 62S, 67, 68	6	1-6A7, 1-6F5, 1-6H6, 1-6K7, 1-42, 1-80	46	455
FE63	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-41, 1-80	46	465
FE82, 87	8	1-6A8, 1-6F5, 1-6H6, 3-6K7, 1-42, 1-80	46	455
FE112, 112S, 116	11	1-5Z3, 1-6F5, 2-6H6, 1-6J5G, 3-6K7, 1-6L6G, 1-6L7, 1-6U5/6G5	46	455
FM41, 42, 43C	4	2-6F5, 1-25Z5, 1-43	46	...
G50, 55, 57	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	46	465
G53, 56	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	46	455
G61, 66, 68, 69	6	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6K7, 1-75, 1-76	46	455
G64, 655	6	1-5Y3G, 1-6A8G, 1-6F5, 1-6H6, 1-6K6G, 1-6K7	44	455
G71, 75, 78	7	1-5Y3G, 1-6A8G, 1-6F5, 1-6H6, 1-6K6G, 1-6K7, 1-6U5/6G5	..	455
G75	7	1-5Y3G, 1-6A8G, 1-6F5, 1-6H6, 1-6K6G, 1-6K7, 1-6U5/6G5	46	455
G76	7	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6K7, 1-6U5/6G5, 1-75, 1-76	46	455
G78	7	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6H6, 1-6SF5, 1-6SK7, 1-76	44	455
G85	8	1-5Y3G, 1-6AC5G, 1-6A8G, 2-6K7, 1-6Q7G, 1-6U5/6G5, 1-76	46	455
G86	8	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6H6, 1-6SF5, 1-6SK7, 1-6U5/6G5, 1-76	44	455
G95	9	1-5U4G, 1-6A8G, 1-6F5, 1-6H6, 1-6J5G, 2-6K7, 2-6V6G	..	455
G97	9	1-5Y3G, 1-6A8G, 1-6F5, 1-6H6, 1-6J5G, 3-6K7, 1-42	46	465

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GENERAL ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
G99	9	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6F5, 1-6H6, 2-6K7, 1-6U5/6G5, 1-76	46	465
G105, G106	10	1-5U4G, 1-6A8G, 1-6F5, 1-6H6, 1-6J5G, 2-6K7, 1-6U5/6G5, 2-6V6G	44	455
GA62	6	1-6A8, 1-6K6G, 2-6K7, 1-6Q7, 1-6X5G	44	465
GB400, 401, 440	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
GBE63	6	1-6G6G, 1-6K8, 2-6S7, 1-6T7G, 1-6Z7G	..	...
GD41, 50, 44	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55F Resistor	44	...
GD51	4	1-6A8G, 1-6C6, 1-25L6G, 1-25Z6G, 1-BL55B Resistor	44	455
GD52, 60, 63	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z5, 1-49A Resistor	..	455
GD62, 67	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z6G, 1-75, 1-BL49B Resistor	46	465
GD406	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	...
GD500	5	1-6F5GT, 1-6J5GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	455
GD510, 511, 512, 512W, 512X, 513	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-BL49B Resistor	44	456
GD520, 521	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	44	456
GD-600, 630	5	1-6A8G, 1-6SF5, 1-6SK7, 1-25L6G, 1-25Z6G, 1-BL49B Resistor	44	455
GD610, 620	5	1-6A8G, 1-6SK7, 1-6SQ7, 1-25L6G, 1-25Z6G, 1-BL49B Resistor	44	455
GDE41A, 41V	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55F Resistor	44	...
GE52	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	46	...
GE53	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	44	...
GE54	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-75	46	...
GE73, 78	7	1-5Y3G, 1-6F6G, 2-6K7, 1-6K8, 1-6U5/6G5, 1-75	46	...
GE83	8	1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6U5/6G5, 1-42, 1-80	46	...
GE93, 96	9	1-5U4G, 1-6F5, 1-6H6, 1-6J5G, 2-6K7, 1-6L6G, 1-6L7, 1-6U5/6G5	46	...
GDE73	7	2-6K7, 1-6K8, 1-6U5/6G5, 1-25A6G, 1-25Z6G, 1-75	46	...
GM11, GME11	1	1-12A7	..	...
GM125	12	1-5U4G, 1-6H6, 1-6J5G, 1-6K8, 2-6L6G, 1-6Q7G, 1-6SJ7, 4-6SK7	..	455
H31, 41, 51, 71	9	4-24A, 2-27, 2-45, 1-80	..	175
H32, 72, 91, 91R	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
H73, 77, 78, 79	7	1-5Y3G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6Y6G	44	455
H87	8	2-5Y3G, 1-6J5G, 1-6SA7, 1-6SK7, 1-6SQ7, 2-6Y6G	44	455
H116, 118	11	2-5Y3G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SF5, 2-6SK7, 1-6U5/6G5, 2-6Y6G	44	455
H400	4	1-12B7, 1-12F5GT, 1-35Z5GT, 1-50L6GT	47	...
H406U	4	1-12SF5GT, 1-12SK7GT, 1-40Z5/45Z5GT, 1-50L6GT	47	...
H500, 501, 510, 511, 520, 521	5	1-12A8GT, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
H500U, 510U, 520U	5	1-12SA7GT, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
H502, 503, 508, 530, 531, 532	5	1-12B7, 1-12SA7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455

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GENERAL ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
H600, 600U, 601, 610, 610U, 611, 620, 620U, 621, 622, 623, 625, 630, 631, 632, 632U, 633	6	1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7, 1-25L6GT, 1-25Z6GT	44	455
H634, 638, 640	6	1-6J5G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-25L6G, 1-25Z6G	44	455
H639AC, 639DC	6	1-6J5GT, 1-6SA7GT, 1-6SK7GT, 1-12Q7GT, 1-25L6GT, 1-25Z6GT	44	455
H708, 736	7	1-6J5GT, 1-6SA7GT, 1-6SK7GT, 1-12Q7GT, 1-25C6G, 2-25Z6GT	44	455
HB402, 403, 408, 410, 411, HBX467	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
HB412	4	1-1A7GT, 1-1T5GT, 1-3A8GT, 1-117L7GT	..	455
HB504, 505	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z4GT	..	455
HE50	5	1-5Y3G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6Y6G	44	...
HE64L	6	1-5Y3G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6Y6G	44	...
HE74, 74L	7	1-5Y3G, 1-6K8, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6Y6G	44	...
HE100, 110H, 110L, 100LH, 105, 105L	10	1-5U4G, 1-6H6, 1-6J5G, 1-6K8, 1-6SF5, 2-6SK7, 1-6U5/6G5, 2-6V6G	44	...
HE540	5	1-6SA7, 1-6SK7, 1-6SQ7, 1-25C6G, 1-25Z6G	44	...
HE640L	6	1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25C6G, 1-25Z6G	44	...
HE740, 740L	7	1-6K8, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25C6G, 1-25Z6G	44	...
HJ119	11	2-5Y3G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SF5, 2-6SK7, 1-6U5/6G5, 2-6Y6G	44	...
HJ514	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
HJ612	6	1-6J5G, 1-6Q7GT, 1-6SA7, 1-6SK7GT, 1-25L6GT, 1-25Z6G	44	455
HJ618AC, 618DC, 624, 628	6	1-6J5G, 1-6Q7G, 1-6SA7GT, 1-12SK7GT, 1-25L6GT, 1-25Z6GT	44	455
HJ737	7	1-6J5GT, 1-6Q7GT, 1-6SA7GT, 1-6SK7GT, 1-25C6G, 2-25Z6GT	44	455
HJ905, 908	9	1-6AB5/6N5, 2-12J5GT, 1-12SA7, 1-12SF5, 1-12SK7, 1-25C6G, 2-25Z6G	44	455
HJ1005	10	2-5Y3G, 1-6H6, 1-6J5G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6U5/6G5, 2-6Y6G	44	455
HJ1205	12	2-5Y3G, 1-6H6, 2-6J5G, 1-6SA7, 1-6SF5, 2-6SK7, 1-6U5/6G5, 2-6Y6G	44	455
HM21	2	1-6A8G, 1-84/6Z4	..	...
HM80, 85	8	1-5Y3G, 1-6H6, 1-6K8, 1-6SF5, 1-6SJ7, 2-6SK7, 1-6Y6G	44	...
HM80A, 85A	8	1-5Y3G, 1-6AC7/1852, 1-6H6, 1-6K8, 1-6SF5, 1-6SJ7, 1-6SK7, 1-6Y6G	44	...
HM136	13	2-5Y3G, 1-6H6, 1-6J5G, 1-6K8, 2-6L6G, 1-6SJ7, 3-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
HM136A	13	2-5Y3G, 1-6AB7/1853, 1-6H6, 1-6J5G, 1-6K8, 2-6L6G, 1-6SJ7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	...
HM171	17	1-2X2/879, 1-5BP4, 1-5U4G, 3-6AB7/1853, 1-6AC7/1852, 5-6F8G, 1-6H6, 2-6N7G, 2-6SK7	..	...
HM185	18	1-2X2/879, 1-5BP4, 1-5U4G, 3-6AB7/1853, 1-6AC7/1852, 1-6F6G, 5-6F8G, 2-6N7G, 2-6SK7, 1-6SQ7	..	...

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GENERAL ELECTRIC COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HM225	21	1-2X2/879, 2-5U4G, 2-6AB7/1853, 2-6AC7/1852, 1-6AL6G, 1-6B8, 3-6F6G, 4-6F8G, 1-6H6, 1-6N7G, 1-6SC7, 1-6SK7, 1-6V6G, 1-MW-22-2 Resistor	..	455
HM226-7A	28	1-2X2/879, 2-5U4G, 1-5Y3G, 2-6AB7/1853, 2-6AC7/1852, 1-6AL6G, 1-6B8, 3-6F6G, 4-6F8G, 2-6H6, 1-6J5G, 1-6N7G, 1-6SA7, 1-6SC7, 1-6SF5, 2-6SK7, 1-6V6G, 1-6Y6G, 1-MW-31-3 Resistor	44	455
HM275-3A	30	2-2X2/879, 2-5U4G, 1-6A8G, 5-6AB7/1853, 4-6AC7/1852, 3-6F8G, 3-6H6, 1-6J5, 1-6L6, 2-6L6G, 1-6R7, 3-6SK7, 1-6SQ7, 1-12AP4	..	...
HMP45, DP12	4	1-12F5GT, 2-35L6GT, 1-35Z5GT	..	...
HP558, 559, 560, 561	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	...
HP657A	6	1-12SA7, 1-12SK7, 2-12SQ7, 1-35L6GT, 1-35Z5GT	47	...
J70, 75	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
J71	7	1-5Y3G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6Y6G	44	455
J72	7	1-47, 2-56, 3-58, 1-80	..	...
J80, 85, S132	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
J82, 86, 88	8	1-47, 3-56, 3-58, 1-80	..	175
J83, 87	8	2-47, 1-55, 1-56, 3-58, 1-80	..	175
J83A, 87A	8	2-2A5, 1-55, 1-56, 3-58, 1-80	..	175
J100, 105, 107, 109	10	2-46, 4-56, 3-58, 1-82	..	175
J105	10	1-5Y3G, 4-6J5GT, 1-6SA7, 2-6SK7, 2-6V6G	44	455
J125	12	2-46, 5-56, 4-58, 1-82	..	175
J125A	12	2-46, 1-55, 4-56, 4-58, 1-82	..	175
J501, 501W, 502, 502W	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
J709	7	1-6J5GT, 1-6Q7G, 1-6SA7GT, 1-6SK7GT, 1-25C6G, 2-25Z6GT	44	...
J805, 808, 809, 818, 828	8	1-5Y3G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 2-6V6G	44	455
JA64	6	1-6A8, 1-6K6GT, 2-6K7, 1-6Q7, 1-6X5GT	..	...
JB508, 513	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z4GT	..	455
JB514	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-117Z6GT	..	455
JE51, 510	5	1-6SA7, 1-6SK7, 1-6SQ7, 1-25C6G, 1-25Z6G	44	...
JE61, 61L	6	1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25C6G, 1-25Z6G	44	...
JE81	8	1-5Y3G, 1-6J5G, 1-6K8, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6Y6G	44	...
JE101, 107	10	1-5U4G, 2-6J5G, 1-6K8, 1-6SF5, 2-6SK7, 1-6U5/6G5, 2-6V6G	44	...
JE810	8	1-6J5G, 1-6K8, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25C6G, 1-25Z6G	44	...
JM23	2	1-6A8G, 1-84/6Z4	..	...
JM31	3	1-6AB7/1853, 1-6SK7, 1-6X5G	..	...
JZ822, 826, 828	8	1-47, 3-56, 3-58, 1-80	..	...
JZ835	11	3-24A, 4-27, 2-35/51, 1-47, 1-80	..	175/1075
K40, 41	4	1-36, 1-37, 1-38, 1-39/44	..	175
K40A, 48	4	1-25Z5, 1-38, 1-77, 1-78	..	175
K43	4	1-1V, 1-6A7, 1-6F7, 1-38	..	175
K50, 50P, 51, 51P, 54, 54P, 52, 53, 58	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
K55	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GENERAL ELECTRIC COMPANY—Continued				
K60, 60P, 65, 65P, 63, 66, 64, M63..	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80.....	..	175
K62, 82.....	9	1-24A, 3-27, 2-35/51, 2-47, 1-80.....	..	175
K78, 79.....	7	1-2A7, 1-53, 1-55, 1-56, 2-58, 1-80.....	..	175
K80, 80X, 85, 88...	8	1-2A7, 1-2B7, 1-53, 1-56, 3-58, 1-80.....	..	445
K105, 106, 107, 160P.....	10	2-2A5, 3-56, 4-58, 1-80.....	..	175
K126.....	12	1-5Z3, 1-55, 4-56, 4-58, 2-59.....	..	175
KZ62P.....	9	1-24A, 3-27, 2-35/51, 2-47, 1-80.....	..	...
L50, 51, 53.....	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78.....	..	175
L52.....	5	1-6A7, 1-12Z3, 1-43, 1-77, 1-78.....	..	175
M40.....	4	1-37, 1-38, 1-77, 1-78.....	..	175
M41, 42, 49.....	4	1-1V, 1-6A7, 1-6F7, 1-41.....	..	460
M50, 51, 55, 56, 52	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-80.....	..	460
M51A, 56 Late.....	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80.....	..	540
M61, 66, 67.....	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80.....	..	460
M62, 655.....	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80.....	..	540
M63, 65, 68.....	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80.....	..	540
M69.....	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80.....	..	460
M81, 85, 86, 89....	8	1-5Z3, 1-6A7, 2-6D6, 2-42, 1-75, 1-76.....	..	175
M106.....	10	1-5Z3, 1-6A7, 2-6D6, 2-42, 4-76.....	..	175
M106, 107 (1935 Production).....	10	1-6A7, 2-6D6, 2-42, 2-76, 2-80, 1-85.....	..	175
M125, 129.....	12	1-5Z3, 1-6A7, 4-6D6, 2-42, 3-76, 1-85.....	..	175
M128, 128R.....	12	1-5Z3, 1-55, 4-56, 4-58, 2-59.....	..	175
N60.....	6	1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6X5.....	..	175
S22D, 42D.....	7	1-24A, 2-27, 2-35/51, 2-45.....	..	175
S22, 42, 22X.....	8	1-24A, 2-27, 2-35/51, 2-45, 1-80.....	..	175
S132.....	8	1-24A, 3-27, 2-35/51, 1-47, 1-80.....	..	...
T12, T12E.....	4	2-24A, 1-47, 1-80.....	..	TRF
T12 DC.....	4	2-36, 2-38.....	..	TRF
T41.....	7	4-24A, 2-45, 1-80.....	..	TRF
U50.....	5	1-1A6, 1-1F4, 2-30, 1-34.....	..	175
U51, 55.....	5	1-1B5/25S, 1-1C6, 1-1F4, 2-34.....	..	456
U70, 75.....	7	1-1C6, 1-19, 2-30, 3-34.....	..	456
U100.....	10	6-30, 1-32, 3-34.....	..	...
2-42B, S-42B.....	8	5-30, 3-32.....	..	175
GENERAL HOUSEHOLD UTILITIES CORPORATION				
"GRUNOW"				
410, 411 (Chassis 4NB).....	4	1-1A4T, 1-1A6, 1-41, 1-75.....	..	465
450, 451 (Chassis 4A).....	4	2-6F7, 1-42, 1-84/6Z4.....	..	455
460, 461 (Chassis 4B).....	4	1-6A7, 1-6F7, 1-42, 1-80.....	..	455
470 (Chassis 4C)....	4	1-6A7, 1-6F7, 1-41, 1-80.....	..	465 or 490
500 (Chassis 5A)...	5	1-6F7, 1-47, 1-75, 1-78, 1-80.....	..	455
501 (Chassis 5B)....	5	1-6F7, 1-25Z5, 1-43, 1-75, 1-78.....	..	455
502, 503 (Chassis 5C).....	5	1-30, 2-32, 1-33, 1-34.....	..	455
510 (Chassis 5NB)..	5	2-1A4T, 1-1A6, 1-1B5/25S, 1-33.....	..	465
520, 530 (Chassis 5B).....	5	1-6F7, 1-25Z5, 1-43, 1-75, 1-78.....	..	455
532, 564, 566 (5H, 5R, 5S).....	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80.....	..	465
542, 551, 553, 555, 572, 573, (5J, 5K, 5L, 5Q).....	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7.....	..	465
550 (5B).....	5	1-6F7, 1-25Z5, 1-43, 1-75, 1-78.....	..	455
560, 570, 571 (Chassis 5E, 5D)..	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	..	455
576, 585, 588.....	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80.....	..	465
580, 581 (5G).....	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	..	465 or 490
589.....	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80.....	..	465
592.....	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75.....	..	465

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GENERAL HOUSEHOLD UTILITIES CORP.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
599, 622, 623	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z5, 1-M498 Resistor	..	465
614, 618 Auto	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
620, 621 (6HB)	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	465
624	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
625 Auto	6	1-6A6, 1-6A8G, 1-6C5G, 2-6K7G, 1-6R7G	..	262
631, 643 (Chassis 6M)	6	1-5W4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	..	465
632	6	1-6A8, 1-6F6G, 2-6K7, 1-6Q7, 1-80	..	465
640, 641 (6J)	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	465 or 490
650, 651 (Chassis 6A)	6	2-6D6, 1-6F7, 1-42, 1-75, 1-80	..	262
654	6	1-6A8G, 1-6F6, 2-6K7G, 1-6Q7G, 1-80	..	465
663	6	1-6A8, 1-6F6G, 2-6K7, 1-6Q7, 1-80	..	465
660, 661, 662, 670, 671 (Chassis 6C, 6D)	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	6C..	262
			6D..	455
755	7	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-80, 1-6U5/6G5	..	465
680, 681 (6G)	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465 or 490
690, 691 (6F)	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	455
700, 701 (Chassis 7-A)	7	1-37, 1-42, 1-75, 3-78, 1-80	..	262
711 (Chassis 7NB)	7	3-1A4T, 1-1B5/25S, 1-6A7, 1-19, 1-30	..	455
720, 721 (7DB)	7	1-1C6, 1-19, 2-30, 1-32, 1-34, 1-6/1	..	465
723, 731, 733, 735, (7M)	7	1-5W4, 1-6A8, 1-6E5, 1-6F6, 2-6K7, 1-6Q7	..	465
750, 751, 752, 753 (Chassis 7B)	7	1-6A7, 1-6D6, 1-6F7, 1-42, 1-75, 1-76, 1-80	..	262
760, 761 (7C)	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	455
801 (Chassis 8-A)	8	1-6B7, 1-37, 1-42, 3-78, 1-80, 1-85	..	262
821 (Chassis 8-B)	8	1-6A7, 2-37, 1-42, 2-78, 1-80, 1-85	..	262
823, 831, 833, 835 (8H)	8	1-5Z4, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	455
861 (8D)	8	1-6A7, 2-6D6, 1-42, 1-75, 2-76, 1-80	..	455
871 (8E)	8	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 2-6K7	..	455
901, 902 (Chassis 9-A)	9	1-6B7, 1-37, 2-45, 3-78, 1-80, 1-85	..	262
921 (9C)	9	1-6A7, 1-37, 2-45, 1-76, 2-78, 1-80, 1-85	..	262
941 (9E)	9	1-5Z4, 1-6A8, 1-6C5, 1-6E5, 2-6F6, 1-6H6, 2-6K7	..	455
1067	10	1-5Z3, 1-6A8, 2-6C5, 2-6F6G, 1-6H6, 3-6K7	..	465
1081, 1091	10	1-5Z3, 1-6A8, 2-6F6, 1-6H6, 1-6J7, 3-6K7, 1-6N7	..	465
1101 (Chassis 9-B, 2-A)	11	1-5Z3, 1-6B7, 1-6F7, 1-37, 4-45, 2-78, 1-85	..	262
1151, 1152 (Chassis 11A)	11	1-5Z3, 1-6A7, 2-6D6, 2-45, 4-76, 1-85	..	262
1161, 1162 (11B)	11	1-5Z3, 1-6A7, 2-6D6, 2-45, 4-76, 1-85	..	262
1171 (11C)	11	1-5Z4, 1-6A8, 2-6C5, 1-6F5, 2-6F6, 1-6H6, 3-6K7	..	455
1181, 1183, 1185	11	1-5Z3, 1-6A8, 2-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6G	..	465
1191	11	1-5Z3, 1-6A8G, 2-6C5G, 2-6F6G, 1-6H6G, 3-6K7G, 1-6U5/6G5	..	465
1191, 1191B, (11G)	11	1-5Z4, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	465
1241 (12A)	12	1-5Z4, 1-6A8, 2-6C5, 1-6F5, 3-6F6, 1-6H6, 3-6K7	..	455
1291 (12B), 1293	12	1-5Z3, 1-6A8, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 3-6K7	..	465
1297 (12W)	12	1-5Z3, 1-6A8, 3-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GENERAL HOUSEHOLD UTILITIES CORP.—Continued				
1541 (15W)	15	2-5Z4, 1-6C5, 3-6F6, 1-6H6, 2-6J7, 4-6K7, 1-6L7, 1-6R7	..	455
1561	15	2-5Z4, 1-6C5, 3-6F6G, 1-6H6, 2-6J7, 4-6K7, 1-6L7, 1-6R7	..	455
GENERAL MOTORS RADIO CORPORATION				
"G-M"				
(See UNITED MOTORS SERVICE for listings of later receivers—Page 248)				
E-2	7	1-30, 2-31, 4-32	..	TRF
MA, 110	6	4-24A, 1-45, 1-80	..	TRF
S1A, S1B, S5A, S5B, S10A, S10B	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
S2A, S2B	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
S3A, S3B, S4A, S4B	10	1-24A, 3-27, 3-35/51, 2-45, 1-80	..	175
S9A, S9B	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	175
120, 130, 140	8	3-24A, 2-27, 2-45, 1-80	..	TRF
170, 170E	7	1-30, 2-31, 4-32	..	TRF
180, 190	6	4-24A, 1-45, 1-80	..	TRF
200, 201	7	4-32, 1-30, 2-31	..	TRF
Model 281		Remote Control Unit 1-36, 1-37.		
Little General	6	4-24A, 1-45, 1-80	..	TRF
GENERAL TELEVISION AND RADIO CORPORATION				
"GENERAL"—"AMERICAN"—"GREELEY"				
4TA	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
5SA	5	1-6A7, 1-6C6, 1-6D6, 1-42, 1-80	..	465
6A, 6AC	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	465
6S	5	1-6A7, 1-6J7, 1-6K7, 1-25Z5, 1-43, 1-160R4 Resistor	..	465
6SS	5	1-6A8, 1-6K7, 1-25Z5, 1-43, 1-75, 1-160R4 Resistor	..	465
8A, 8AC	7	1-2A5, 1-2A6, 2-45, 2-58, 1-80	..	465
PR4	4	1-6C6, 1-6F7, 1-25Z5, 1-43	..	...
GILFILLAN BROS., Inc.				
"GILFILLAN"				
C6, F6, 6U	6	1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6GT, 1-6X5G	44	460
GN1, 2, 5, 6	5	5-01A	..	TRF
GN3, 4	4	4-V99	..	TRF
P5	5	1-5W4, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6V6GT	44	460
RH6, RM6	6	1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6GT, 1-6X5G	44	460
X Auto	5	1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-84/6Z4	..	460
4C	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	460
4M8	4	1-5W4, 1-6F6, 1-6J7, 1-6K7	..	TRF
4T-30	4	1-2A5, 1-57, 1-58, 1-80	..	...
5	5	1-47, 1-55, 1-57, 1-58, 1-80	..	...
5ADB, 5ADP	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	460
5B7, 8, 9, 5SJ, 5S8, 5T8, 54S	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	460
5C, 5T, 32, 35, 41, 510, 520	5	1-42, 1-75, 2-77, 1-80	..	175.5
5F, 5G	5	1-5W4, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6V6GT	44	460
5G8	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
5L	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-117Z6GT	..	460
5M	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	460
5X, 34, 55A, 55B	5	1-25Z5, 1-39/44, 1-43, 2-77	..	450
6A	6	1-5Y3G, 1-6F5, 1-6F6G, 1-6H6, 1-6K8, 1-6SK7	44	460
6B	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-6X5GT	..	460
6C, 6T	6	1-2A5, 1-2A7, 1-55, 2-58, 1-80	..	252.5
6G8	6	1-6A7, 1-6U5/6G5, 1-41, 1-75, 1-78, 1-80.	..	460

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GILFILLAN BROS., Inc.—Continued				
6K, L, R	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	460
6PR	6	1-6A7, 1-6H6G, 1-6J7G, 1-41, 1-78, 1-80	..	460
6X8	6	1-6A7, 1-6U5/6G5, 1-42, 1-75, 1-78, 1-80	..	175
7A	7	1-42, 1-76, 2-77, 1-78, 1-84/6Z4, 1-85	..	175
7C	7	2-47, 1-55, 1-57, 2-58, 1-80	..	TRF
7C8, 7T8	7	1-6A7, 1-6F5G 1-6H6G, 1-6U5/6G5, 1-42, 1-78, 1-80	..	460
7F8	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
7M	6	1-47, 1-55, 1-57, 2-58, 1-80	..	TRF
8A	8	2-41, 1-76, 1-77, 2-78, 1-84/6Z4, 1-85	..	...
8APR	8	1-6A8G, 1-6J5G, 1-6U5/6G5, 2-42, 1-75, 1-78, 1-80	..	460
8C8, 8C8E, 8T8, 8T8E	8	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G, 1-6U5/6G5	..	460
9F	9	2-6K6GT, 1-6K7, 1-6K8, 1-6Q7GT, 1-6SF5, 1-6SK7, 1-6U5/6G5, 1-6X5G	44	460
10	5	4-01A, 1-71A	..	TRF
11APR, 11B, 11D	11	1-6AE5G, 1-6F6G, 1-6H6G, 1-6J5G, 1-6J7G, 1-6K8, 2-6SK7, 2-6V6GT, 1-80	44	460
12	12	2-46, 1-55, 3-56, 2-57, 3-58, 1 82	..	...
13A	13	1-6SF5, 1-6H6, 1-6K8, 2-6SJ7, 2-6SK7, 2-6U5/6G5, 2-6V6GT, 2-6X5GT	44	460
13C8, 13C8E	13	2-5Y3G, 1-6A8G, 2-6C5G, 1-6F5G, 2-6F6G, 1-6H6G, 3-6K7G, 1-6U5/6G5	..	460
20, 25, 30, 40	6	5-01A, 1-71A	..	TRF
33, 47, 66, 77	9	2-10, 5-27, 2-81	..	TRF
40	4	1-42, 1-76, 1-78, 1-80	..	TRF
42, 42A, 402T	4	1-42, 1-77, 1-78, 1-80	..	TRF
43A, 410, 412T	4	1-2A5, 1-57, 1-58, 1-80	..	TRF
52H, 54H, 540	5	1-2A5, 1-56, 1-57, 1-58, 1-80	..	460
53A, 55A, 504T, 530, 5X	5	1-25Z5, 1-43, 2-77, 1-78	..	456
54A	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	460
55, 60, 65, 70	6	4-26, 1-27, 1-71A	..	TRF
55B, 33	5	1-25Z5, 1-39/44, 1-43, 2-77	..	456
56A, 501T, 521C, 521T	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	460
56S	5	1-5W4, 1-6A7, 1-42, 1-75, 1-78	..	460
57X, 59X, 5TC	5	1-5Y3G, 1-6A8, 1-6F7, 1-6Q7, 1-6R7	..	175
58X	5	1-5Y3G, 1-6A8, 1-6F6, 1-6K7, 1-75	..	460
62B	6	1-5Y3G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6J7G, 1-6K7G	..	175
62X	6	1-5Y3G, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7	..	175
63B	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	..	460
63X	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
66S	6	1-6K8G, 1-6U5/6G5, 1-42, 1-75, 1-78, 1-80	..	460
67A, 67R Auto	6	1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G, 1-84/6Z4	..	252.5
72X, 73X	7	1-5Y3G, 1-6A8, 1-6B7, 1-6F6, 3-6K7	..	460
76A, 77A, 723C, 723T	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
76M, 76S	7	1-5Y3G, 1-6A8, 1-6F5G, 1-6H6G, 1-6U5/6G5, 1-42, 1-78	..	460
77R Auto	7	1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G, 1-84/6Z4	..	252.5
78B	7	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G	..	460
78X	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	460
80	6	5-01A, 1-71A	..	TRF
87R Auto	8	1-6A8G, 1-6C5G, 1-6F5G, 1-6H6G, 2-6K7G, 1-6N7G, 1-84/6Z4	..	252.5
90	6	5-01A, 1-10	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GILFILLAN BROS., Inc.—Continued				
95	6	1-10, 4-26, 1-27	..	TRF
96X, 97X	9	1-5Y3G, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 2-6K7	..	460
97B	9	1-5Y3G, 1-6A8G, 2-6C5G, 2-6F6G, 1-6H6G, 2-6K7G	..	460
99M	9	1-6A8G, 1-6J5G, 2-6SK7, 1-6U5/6G5, 2-42, 1-75, 1-80	..	460
100	8	6-27, 1-45, 1-80	..	TRF
105, 106, 107	6	4-24A, 1-45, 1-80	..	TRF
105, 106, 107 Late	7	4-24A, 2-45, 1-80	..	TRF
108M	10	1-6A8, 2-6F6G, 1-6H6G, 1-6J5G, 1-6J7G, 2-6K7, 1-6U5/6G5, 1-80	..	460
110	8	3-24A, 2-27, 2-45, 1-80	..	...
116B, 117B	11	1-5Z3, 1-6A8G, 3-6C5G, 2-6F6G, 1-6H6G, 3-6K7G	..	460
116X, 117X	11	1-5Z3, 1-6A8, 3-6C5, 2-6F6, 1-6H6, 3-6K7	..	460
138M	13	2-5Y3G, 1-6A8G, 2-6C5G, 2-6F6G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6U5/6G5	..	460
200, 215	8	1-27, 4-35/51, 2-47, 1-80	..	175
515	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
540, 550	5	1-42, 2-77, 1-78, 1-80	..	...
615, 625	6	1-2A5, 1-2A7, 1-55, 2-58, 1-80	..	262.5
711T	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	..	175
715, 725	7	1-6A7, 2-42, 1-75, 2-78, 1-80	..	460
731C, 731T	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	..	460
815, 825	8	2-2A5, 1-2A7, 1-55, 1-56, 2-58, 1-80	..	262.5
831C, 831T	8	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	460
1131C	11	1-5X4G, 1-6A8, 2-6C5, 2-6F6, 3-6K7, 1-6R7, 1-6U5/6G5	..	460
1331C	13	1-5X4G, 1-6A8, 3-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	460
"GLORITONE"				
(See U. S. RADIO AND TELEVISION CORPORATION—Page 250)				
GOLD SEAL ELECTRIC COMPANY				
SW30	6	2-27, 2-35/51, 1-45, 1-80	..	TRF
GOODYEAR TIRE & RUBBER COMPANY, Inc.				
"GOODYEAR" "WINGS"				
01500	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
01501	6	1-6A8, 2-6K7, 1-6R7G, 1-6V6G, 1-6X5G	..	262
01502	6	1-0Z4 or 6X5, 1-6A8, 2-6K7, 1-6Q7, 1-6V6	51	465
01503	6	1-6A7, 1-6D6, 2-25L6G, 1-25Z5, 1-75, 1-BM17C Resistor	..	456
015040-41	4	1-6D6, 1-6F5G, 1-25L6G, 1-25Z5, 1-55A Resistor	..	TRF
015050-51	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-BK49B Resistor	40	455
015060	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25B6G, 1-25Z6G, 1-BK4ZC Resistor	40	455
015070-71	7	1-6B6G, 1-6H6, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25L6G, 1-25Z6G	44	455
010580	10	1-5Y3G, 1-6A8G, 1-6H6, 2-6J5G, 1-6Q7G, 1-6U5/6G5, 1-6U7G, 2-6V6G	44	455
015090	13	1-5X4G, 1-6A8G, 1-6AD6G, 1-6AE6G, 2-6B8G, 1-6H6, 2-6J5G, 2-6U7G, 2-6V6G	44	455
015100-01	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
015110-11	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G	40	455
015120-21	6	1-1C7G, 1-1D5G, 1-1F7G, 1-1H4G, 1-6AB5/6N5, 1-6G6G	44	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GOODYEAR TIRE & RUBBER COMPANY, Inc.—Continued				
015130-31	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	44	455
015140-41	4	1-12F5GT, 1-12K7GT, 1-35Z4GT, 1-50L6GT	..	TRF
015150-51	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
01533	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
522	5	1-1A6, 1-30, 1-32, 1-34, 1-950	..	465
540	5	2-6D6, 1-25Z5, 1-43, 1-75	..	456
550	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
556	5	1-6A8, 1-6K7, 1-41, 1-75, 1-84/6Z4	..	465
575	5	1-2A5, 2-57, 1-58, 1-80	..	175
578	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
580	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	175
585A	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
585 B.C.	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	465
585D	5	1-6F6, 1-6F7, 1-6K7, 1-75, 1-80	..	465
586	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
587	5	1-5Y3G, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	465
601, ABC	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	465
666	6	1-6A8, 2-6K7, 1-6N6, 1-6Q7, 1-6X5	..	465
670A	6	1-6C6, 2-6D6, 1-42, 1-75, 1-80	..	175
675	6	1-2A5, 1-2A6, 1-27, 1-57, 1-58, 1-80	..	370
680	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	175
686 AB	6	1-5Y3G, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	..	465
690	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-80	..	175
770	7	1-6B7, 1-6C5, 1-6C6, 2-6K7, 1-42, 1-80	..	465
777 AB	7	1-6C6, 2-6D6, 1-42, 1-75, 1-76, 1-80	..	465
777C	6	1-6B7, 1-6C5, 2-6K7, 1-42, 1-80	..	465
778	7	1-5W4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7	..	465
787	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
879	8	1-5W4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
880AB, 880CD	8	1-6A6, 1-6A7, 2-6D6, 2-76, 1-84/6Z4, 1-85	..	175
1070A	10	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 2-6K7, 1-6L7	..	465
1070B	11	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 2-6K7, 1-6L7, 1-6U5/6G5	..	465
1171, 1172	11	1-5Z4, 1-6C5, 1-6F5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
GRAND RAPIDS RADIO MANUFACTURING COMPANY				
1200	6	2-36, 2-37, 2-38	..	TRF
GRAYBAR ELECTRIC COMPANY, Inc.				
"GRAYBAR"				
GB4	4	2-24A, 1-47, 1-80	..	TRF
GT7, GB8	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	175
GB8A	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
GT8	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
GT8-56, GT8-69	8	1-47, 3-56, 3-58, 1-80	..	175
GB9	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
GT10-69, GT10-88, GT10-99	10	2-46, 4-56, 3-58, 1-82	..	175
GC13	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
GC14	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
GC15	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
GB100	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
GB310, 311	7	4-26, 1-27, 1-71A, 1-80	..	TRF
GB330, 340	9	7-27, 1-71A, 1-80	..	180
GB500, 550	5	3-24A, 1-45, 1-80	..	TRF
GB600, 600	8	6-27, 1-45, 1-80	..	175
GB678	7	4-24A, 2-45, 1-80	..	TRF
GB700, GB770, GB900	9	4-24A, 2-27, 2-45, 1-80	..	175
GB989	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175

GREBE MANUFACTURING COMPANY, Inc.

"GREBE"

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
AH-1,1-60, 18950, 225W, 225M	7	3-24A, 1-27, 2-45, 1-80	..	TRF
HS3	5	1-24A, 2-35/51, 1-47, 1-80	..	175
HS4, 1, 2, 3	8	3-24A, 2-27, 2-45, 1-80	..	175
HS4 (1 & 2)	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
HS5, M3	8	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
HS6	10	4-27, 3-35/51, 2-47, 1-80	..	175
HS7, M-1	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
HS8	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
HS11	11	3-46, 1-55, 1-56, 1-57, 4-58, 1-82	..	175
HS12	11	1-24A, 3-27, 4-35/51, 2-47, 1-80	..	175
Synchrophase 6AC	7	4-26, 1-27, 1-71A, 1-80	..	TRF
Synchrophase 6AC DeLuxe	11	4-26, 1-27, 2-50, 1-71A, 1-80, 2-81	..	TRF
Synchrophase 7AC	8	5-26, 1-27, 1-71A, 1-80	..	TRF
Supersyncrophase SK4, 21950, 270, 265, 450, 285	7	3-24A, 1-27, 2-45, 1-80	..	TRF
Teeny 2, 3, 4, 5	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
61R	6	1-6A7, 1-37, 1-41, 1-78, 1-84/6Z4, 1-85	..	456
89	8	2-56, 3-58, 2-59, 1-80	..	175
111B	11	1-24A, 3-27, 4-35/51, 2-47, 1-80	..	175
428	11	4-26, 1-27, 2-50, 1-71A, 1-80, 2-81	..	TRF
Challenger 1, 2	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-6.133 Resistor	..	456
2B2-I, 2B6-I, 2B2-L, 2B6-L	6	1-1C7G, 2-1D5G, 1-1H4G, 1-1H6G, 1-1J6G	..	456
3B2-3, 3B6-3, 3B2-L, 3B6-L, 3B2-T, 3B6-T	7	1-1C7G, 3-1D5G, 1-1H4G, 1-1H6G, 1-1J6G, 3-6J5G	..	456
159	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
206-I, 206-L	6	1-6A7, 1-6K7, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
259	5	1-6D6, 1-6K8G, 1-6Q7G, 1-42, 1-80	..	456
269, 369, 369T	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
307-I, 307-L, 307-P5, 307-T	7	1-6A8G, 1-6F5, 1-6H6, 1-6K7, 1-6U5/6G5, 1-6V6G, 1-80	..	456
309-2, 309-E2, 309-EL, 309-L, 309-P5, 309-ET, 309-T	9	1-6A8G, 1-6F5, 1-6H6, 3-6K7, 1-6U5/6G5, 1-6V6G, 1-80	..	456
379, 3790	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
399	9	1-6A7, 1-6AF6G, 3-6D6, 1-6F6G, 1-6K8G, 1-6Q7G, 1-80	..	456
619, 619C	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-6.133A Resistor	..	456
629	5	1-6D6, 1-6K8G, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L55DJG Resistor	..	456
703L	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-6.136 Resistor	..	456
729, 739, 739T, 7390, 7390T	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L49BJG Resistor	..	456
769	6	1-6A7, 1-6D6, 1-6F5, 1-25L6G, 1-25Z5, 1-76, 1-L49BJG Resistor	..	456
803-I, 803-L, 803-P5, 803-T	7	1-6A8G, 1-6K7, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 2-25Z6G, 1-6.137 Resistor	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GREBE MANUFACTURING COMPANY, Inc.—Continued				
839	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L36DJG Resistor	..	456
903-2, 903-E2, 903-EL, 903-ET, 903-L, 903-P5, 903-T	9	1-6A8G, 1-6B8G, 1-6K7, 1-6Q7, 1-6U5/6G5, 2-25L6, 2-25Z6G	..	456
939, 9390	9	1-6A8G, 1-6B8G, 1-6K7, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z6G	..	456
1039, 1049	10	1-6A8G, 1-6B8G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z6G	..	456
1203-3, 1203-L, 1203-T, 1203-P6, 1203-P6A, 1204-E3, 1204-EL, 1204-ET	12	1-6A8G, 1-6B8G, 1-6K7, 1-6Q7G, 1-6U5/6G5, 4-25L6, 3-25Z6G	..	456
1603-4	16	1-6A8G, 1-6F5, 1-6F5G, 1-6H6, 4-6K7, 1-6U5/6G5, 4-25L6, 3-25Z6G	..	456
1603-P6, 1603-P6A	16	1-6A8G, 2-6H6, 3-6J5G, 5-6K7, 1-6U5/6G5, 2-6V6G, 2-80	..	456
1604-E4	16	1-6A8G, 1-6F5, 1-6F5G, 1-6H6, 4-6K7, 1-6U5/6G5, 4-25L6, 3-25Z6G	..	456
1649	16	1-6AF6G, 1-6A8G, 2-6C5, 1-6H6, 3-6K7, 1-6K8, 4-25L6, 3-25Z5	..	456
3012-3, 3012-L, 3012-P6, 3012-P6A, 3012-T	12	1-6A8G, 1-6H6, 3-6J5, 3-6K7, 1-6U5/6G5, 2-6V6G, 1-80	..	456
3016, 3016-P6, 3016-P6A	16	1-6A8G, 2-6H6G, 3-6J5G, 5-6K7, 1-6U5/6G5, 2-6V6G, 2-80	..	456
3119K	11	1-6D6, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 4-76, 1-80	..	456
4012-E3, 4012-EL, 4012-ET	12	1-6A8G, 1-6H6, 3-6J5, 3-6K7, 1-6U5/6G5, 2-6V6G, 1-80	..	456
4016-E4	16	1-6A8G, 2-6H6, 3-6J5G, 5-6K7, 1-6U5/6G5, 2-6V6G, 2-80	..	456
4159	15	1-6AF6G, 1-6A8G, 4-6C5, 1-6H6, 3-6K7, 1-6K8, 2-6V6G, 2-80	..	456
5240-4	23	2-5X4G, 4-6C5G, 2-6H6, 1-6J7G, 7-6K7G, 4-6L6G, 1-6L7G, 1-6U5/6G5, 1-6X5G	..	456
7090	6	1-6D6, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L498JG Resistor	..	456
GRIGSBY GRUNOW COMPANY				
"MAJESTIC"				
Abbeywood (Same as Model 353)				
Ardmore, Berkshire (Same as Model 55)				
Brentwood (Same as Model 253)				
Brucewood (Same as Model 254)				
Cheltenwood (Same as Model 251)				
Collingwood (Same as Model 351)				
F 50	10	2-47, 2-56, 5-58, 1-82	..	175
Hepplewhite	9	2-24A, 1-27, 2-45, 3-35S/51S, 1-80	..	175
10, 11 Conv	3	1-24S, 1-35/51S, 1-80	..	1000
15, 15B	5	2-24S, 1-35S/51S, 1-47, 1-80	..	175
20, 22, 23	8	3-24A, 2-27, 2-45, 1-80	..	175
25, 25B	9	3-27S, 3-35S/51S, 2-47, 1-80	..	175
30, 31	6	3-24A, 2-45, 1-80	..	TRF
35	10	3-27S, 4-35S/51S, 2-47, 1-80	..	175
44, 49	4	1-6A7S, 1-6F7S, 1-6Z5, 1-41	..	456
50, 52, 53	8	3-24A, 2-27, 2-45, 1-80	..	175
55, 59	5	1-6A7S, 1-6B7S, 1-6F7S, 1-42, 1-80	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GRIGSBY GRUNOW COMPANY—Continued				
56, 57, 58 (Chassis 55)	6	1-24S, 1-27S, 2-35S/51S, 1-47, 1-80	..	175
60, 61, 62	9	2-24A, 1-27, 3-35S/51S, 2-45, 1-80	..	175
66	6	1-6A7S, 1-6C7, 2-6E7, 1-6Y5, 1-89	..	175
70, 70B, 71, 71A, 71B, 72, 72A, 72B	8	4-26, 1-27, 2-71A, 1-80	..	TRF
75	5	1-6A7S, 1-6B7S, 1-6F7S, 1-42, 1-80	..	456
77	7	1-55S, 1-56, 3-58S, 1-59B, 1-80	..	179
85, 86	8	1-2A7S, 2-2S/4S, 1-53, 1-56S, 2-58S, 1-80	..	175
90, 90B, 91, 92, 93, 100, 100B, 101, 102, 103	8	5-27, 2-45, 1-80	..	TRF
95, 105 (Chassis 520)	5	1-1A6, 1-1B5/25S, 1-33, 2-34	..	175
110 Auto	7	3-36, 2-37, 2-38	..	TRF
114	6	3-38, 2-39/44, 1-85	..	175
116, 116B	6	1-6Z5, 1-57AS, 2-58AS, 1-75, 1-89	..	175
116A	6	1-6Y5, 1-57AS, 2-58AS, 1-85AS, 1-89	..	175
118	6	1-6A7S, 1-6C7, 2-6E7, 1-6Y5, 1-42	..	175
120, 120B, 121, 123	6	1-30, 4-32, 1-33	..	175
130, 130A, 131, 132, 133	7	4-24A, 2-45, 1-80	..	TRF
150, 151, 153, 155, 156	5	2-24S, 1-35S/51S, 1-47, 1-80	..	175
160, 163	9	2-24A, 1-27, 3-35S/51S, 2-45, 1-80	..	175
180, 181	9	5-27, 2-50, 2-81	..	TRF
194	4	1-6A7S, 1-6F7S, 1-6Z5, 1-41	..	456
195	5	1-6A7S, 1-6B7S, 1-6F7S, 1-42, 1-80	..	456
200, 201, 203	8	1-2S/4S, 1-27S, 4-35S/51S, 1-47, 1-80	..	175
210, 211, 214, 215	10	1-2S/4S, 2-27S, 4-35S/51S, 2-47, 1-80	..	175
220, 221, 223	12	1-2S/4S, 2-27S, 5-35S/51S, 2-50, 2-81	..	175
230A, 233	7	4-24A, 2-45, 1-80	..	TRF
251, 251B, 253, 253B, 254, 254B	9	3-27, 3-35S/51S, 2-47, 1-80	..	175
290, 291, 293, 294	9	1-2S/4S, 1-47, 1-56, 1-57S, 4-58S, 1-82	..	175
300, 300A, 303, 304, 307	11	1-2S/4S, 2-47, 1-56, 2-57S, 4-58S, 1-82	..	175
310-A, 310-B, 311, 314, 315	6	1-47, 1-55S, 1-56, 2-58S, 1-80	..	175
320, 324	12	2-2S/4S, 2-47, 1-56, 2-57S, 4-58S, 1-82	..	175
330, 331, 336	7	1-55S, 1-56, 3-58S, 1-59B, 1-80	..	179
340, 344	11	1-55S, 1-56, 2-57S, 3-58S, 3-59, 1-82	..	175
351, 351B, 353	10	3-27, 4-35S/51S, 2-47, 1-80	..	175
360, 363	11	3-56, 2-57S, 3-58S, 2-59B, 1-82	..	175
370, 371, 373	5	2-57S, 1-58S, 1-59, 1-80	..	456
380, 381	4	1-57AS, 1-58AS, 1-84/6Z4, 1-89	..	...
390, 393	7	1-53, 1-55S, 2-56S, 2-58S, 1-80	..	456
400, 411, 413	6	1-25Z5, 1-43, 2-57AS, 1-58AS, 1-46A1	..	456
400A, 411A, 413A	6	2-6D7, 1-6E7, 1-25Z5, 1-43, 1-46B1	..	456
460, 461, 463	6	1-2A5, 1-2A7S, 1-55S, 2-58S, 1-80	..	175
490, 491, 493	6	1-6A7S, 2-6E7, 1-6Y5, 1-42, 1-85S	..	175
500, 560, 566	5	1-6A7S, 1-6B7S, 1-6F7S, 1-42, 1-80	..	456
570	7	1-2A5, 1-2A7S, 2-55S, 2-58S, 1-80	..	175
600 AC-DC	6	1-6A7S, 1-6C7, 2-6E7, 1-25Z5, 1-43	..	456
800, 998	8	2-2S/4S, 1-2A7S, 1-53, 1-56S, 2-58S, 1-80	..	175
GULBRANSEN COMPANY				
"GULBRANSEN"				
M5A1	5	1-25Z5, 1-43, 2-77, 1-78	..	TRF
T6W1	6	2-41, 1-77, 2-78, 1-85	..	262
V6Z1, V6Z2	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
Z6Z1	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
06-W	6	2-41, 1-77, 2-78, 1-85	..	262
10, 13, 130	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
20, 23, 235	10	3-27, 4-35/51, 2-47, 1-80	..	175
30A	9	6-30, 3-34	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
GULBRANSEN COMPANY—Continued				
32A	12	3-45, 1-55, 3-56, 4-58, 1-82	..	Super
36-A Batt.	5	1-19, 1-30, 1-32, 2-34	..	Super
43, 43A	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
53	7	3-24A, 2-35/51, 1-47, 1-50	..	175
53 Batt.	5	2-01A or 12A, 2-24A, 1-71 or 12A	..	TRF
60, 63	6	4-24A, 1-45, 1-80	..	TRF
73	7	1-27, 3-42A, 2-45, 1-80	..	TRF
93, 925, 926	5	4-32, 1-33	..	175
160, 161, 163	8	3-24A, 2-27, 2-45, 1-80	..	TRF
200, 291, 292, 295, 9950	9	1-24A, 5-26, 2-45, 1-80	..	TRF
322	12	2-46, 3-56, 2-57, 4-58, 1-82	..	175
352, 2522	5	1-35/51, 1-47, 2-57, 1-80	..	262
362	6	1-36, 1-37, 1-38, 3-39/44	..	262
392, 2925	10	3-27, 4-35/51, 2-47, 1-80	..	175
872, 7725	7	1-47, 3-57, 2-58, 1-80	..	175
1622, 3622A	6	1-36, 1-37, 3-39/44, 1-41	..	262
2225	11	2-46, 3-56, 1-57, 4-58, 1-82	..	175
3622 Auto	6	1-36, 1-37, 1-38, 3-39/44	..	262
3722	7	1-36, 1-37, 3-39/44, 2-41	..	262
7721	6	1-47, 3-57, 1-58, 1-80	..	175
9027	10	2-47, 2-56, 2-57, 3-58, 1-80	..	175
HALLICRAFTERS, Inc.				
"SUPERSKYRIDER"				
DD1	22	2-2A3, 2-5Z3, 4-6H6, 6-6J5, 1-6J7, 1-6K6, 2-6K7, 4-6L7, 4-1851 Resistors	44	455
S4, 5, 6	7	1-6A7, 1-42, 1-75, 3-78, 1-80	46	465
S7, 8A	6	1-6A7, 1-6B5, 1-6K7, 1-75, 1-78, 1-80	46	465
S9	9	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 3-6K7, 1-6L7	46	465
S10, SX10	10	1-5Z4, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 2-6L7, 1-6Q7, 1-6R7	..	1600
S11, SX11	11	1-5Z3, 1-6C5, 4-6K7, 2-6L6, 1-6L7, 1-6R7, 1-6U5/6G5	..	465
S12, SX12	11	1-5Z3, 1-6C5, 4-6K7, 2-6L6, 1-6L7, 1-6R7, 1-6U5/6G5	..	1600
S14	7	1-6A7, 1-6B5, 1-6F7, 1-6U5/6G5, 1-75, 1-78, 1-80	..	465
S15	9	1-6C5, 1-6F6G, 4-6K7, 1-6L7, 1-6Q7G, 1-80	46	465
S16	11	1-5Z3, 1-6J5, 2-6J7, 3-6K7, 1-6L7, 1-6R7, 2-6V6G	..	465
S17	13	1-5Z3, 1-6H6, 1-6J5, 2-6J7, 4-6K7, 1-6L7, 1-6R7, 2-6V6G	46	465
S18	9	1-6F6, 1-6J5, 1-6J7, 3-6K7, 1-6L7, 1-6Q7, 1-80	46	465
S19	5	1-6K6, 1-6K8, 1-6P7, 1-6Q7, 1-80	44	455
S19R	6	1-6K7G, 1-6K8, 1-6Q7, 1-41, 1-76, 1-80	44	455
S20	8	1-6F6, 2-6J5, 2-6K7, 1-6L7, 1-6Q7, 1-80	44	455
S21	8	1-6F6G, 1-6H6, 1-6J5G, 1-6K7, 1-6L7, 1-6P7G, 1-6Q7G, 1-80, 1-1852 Resistor	44	1600
S22	8	2-6J5, 2-6K7, 1-6L7, 1-6Q7, 1-25L6, 1-25Z5	44	1600
S23	11	1-6B8, 1-6F6, 1-6N7, 3-6SJ7, 3-6SK7, 1-6SQ7, 1-80	44	455
S24	9	1-6F6, 1-6H6, 1-6K8, 3-6SK7, 1-6SQ7, 1-76, 1-80	44, 47	455
S25	12	2-6F6G, 1-6H6, 1-6J5GT, 1-6K8, 4-6SK7, 2-6SQ7, 1-80	44, 47	455
S27	15	1-5Z3, 1-6AB7/1853, 2-6AC7/1852, 1-6C8G, 2-6H6, 1-6J5, 1-6SK7, 2-6V6G, 1-VR150, 1-954, 1-955, 1-956	44, 47	5.25
S28	15	1-5Z3, 2-6B8, 1-6H6, 1-6J5, 1-6L7, 2-6SA7, 1-6SC7, 4-6SK7, 2-6V6GT	44, 47	455
S29	9	2-1G4GT, 1-1H5GT, 2-1P5GT, 1-1R5, 1-1T4, 1-3Q5GT, 1-25Z5	44, 47	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HALLICRAFTERS, Inc.—Continued				
S30	6	1-6G6G, 1-6K8, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44, 47	455
Sky Buddy	5	1-6A7, 1-6F7, 1-42, 1-75, 1-80	..	...
HALSON RADIO MANUFACTURING CORP.				
"HALSON"				
A5, B5	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT, 1-L49B Resistor	..	TRF
A5S	5	1-6K7GT, 1-6K8GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
AM6C	6	1-6A7, 1-6F5, 1-6J7, 1-42, 1-76, 1-80	..	456
C6	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L42D Resistor	..	456
CW7	6	1-6A7, 1-6D6, 1-6F5, 1-25Z5, 1-43, 1-76, 1-L40E Resistor	..	456
CW8	7	1-6A7, 1-6D6, 1-6F5, 1-6U5/6G5, 1-25Z5, 1-43, 1-76, 1-L40E Resistor	..	456
CW11	10	1-6A7, 1-6D6, 1-6U5/6G5, 2-25B5, 2-25Z5, 3-76, 1-L91D Resistor	..	456
Junior	4	2-24A, 1-47, 1-80	..	TRF
NS40	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
NS50	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	456
Roadmaster	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
Roadmaster, Sr	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	456
S5	5	1-6K7GT, 1-6K8GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
T5, T10	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49B Resistor	..	...
T11	5	1-6C6, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-L49B Resistor	..	...
O5, 5LE	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49B Resistor	..	TRF
6L6	7	1-6A7, 1-6F5, 1-6K7, 1-6U5/6G5, 1-42, 1-76, 1-80	..	456
10	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L42B Resistor	..	456
10X, 20, 30X	6	1-6A7, 1-6D6, 1-6F5, 1-41, 1-76, 1-80	..	456
14S	4	1-47, 1-57, 1-58, 1-80	..	...
20A	5	1-25Z5, 1-43, 1-77, 2-78	..	456
20B, 20B European	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	456
25	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-L42D Resistor	..	...
30	6	1-6A7, 1-6D6, 1-25L6G, 2-25Z5, 1-75, 1-L15B Resistor	..	456
30 Later	6	1-6A7, 1-6D6, 1-6F5G, 1-25L6G, 1-25Z5, 1-76, 1-L15B Resistor	..	456
35	5	1-6A7, 1-6D6, 1-6F5, 1-76, 1-80	..	...
40	6	1-6A7, 1-6D6, 1-25L6G, 2-25Z5, 1-75, 1-L15B Resistor	..	456
40A	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
40X	8	1-6A7, 1-6D6, 2-6F5, 2-41, 1-76, 1-80	..	456
45	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
50R	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-L42B Resistor	..	456
50RL, 50S	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L42B Resistor	..	456
50X	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75, 1-L42B Resistor	..	456
52	5	1-6C6, 1-6D6, 1-42, 1-76, 1-80	..	TRF
54	5	1-6C6, 1-6D6, 1-25Z5, 1-41, 1-76	..	TRF
55 LW	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	..	456
55 SW	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	456
56U	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
60L	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42D Resistor	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HALSON RADIO MANUFACTURING CORP.—Continued				
60M	6	1-6A7, 1-6K7, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42D Resistor	..	456
61H	6	1-47, 2-57, 2-58, 1-80	..	175
65	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-84/6Z4	..	456
66 AW	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
100 D	4	1-25Z5, 1-36, 1-39/44, 1-43	..	...
100M	5	1-6A7, 1-6E6, 1-25Z5, 1-43, 1-75, 1-L42B Resistor	..	456
102	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L42B Resistor	..	456
103	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-75, 1-L42B Resistor	..	456
104	6	1-6A7, 1-6D6, 1-6F5, 1-41, 1-76, 1-80	..	456
106	7	1-6A7, 1-6D6, 1-6F5, 1-6U5/6G5, 1-41, 1-76, 1-80	..	456
155 DC	4	1-36, 1-37, 1-39/44, 1-89	..	...
163	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L42D Resistor	..	456
310	9	1-6A7, 1-6D6, 1-6F5G, 1-25L6G, 5-76, 1-L42 BG Resistor	..	456
410	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
410	4	1-24A, 1-35/51, 1-47, 1-80	..	...
411	4	2-33, 1-36, 1-37	..	...
412	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 2-25Z5, 1-75, 1-L49BX Resistor	..	456
420	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
438	6	1-6A7, 1-6D6, 1-6F5, 1-41, 1-76, 1-80	..	456
510	5	1-47, 1-57, 2-58, 1-80	..	...
515	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
516 DC	5	1-36, 1-37, 2-39/44, 1-89	..	456
520, 525	5	1-6A7, 1-6C6, 1-6D6, 1-42, 1-80	..	456
530	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	456
535	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	..	456
536	5	1-6A7, 1-6K7, 1-41, 1-75, 1-80	..	456
550 SW	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
570, 580	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	456
606	7	1-6A7, 1-6F5, 1-6K7, 1-6U5/6G5, 1-42, 1-76, 1-80	..	456
610 TRF	6	1-24A, 2-35/51, 2-47, 1-80	..	TRF
610	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
612	9	1-6A7, 1-6D6, 2-6F5, 1-6U5/6G5, 2-41, 1-76, 1-80	..	456
615	6	4-01A, 1-33, 1-71A	..	TRF
620, 630	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
640	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
711	7	1-36, 1-37, 3-39/44, 2-89	..	...
711	10	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-25L6G, 5-76, 1-L36BG Resistor	..	456
770 AW	7	1-2A5, 1-2A6, 1-56, 1-57, 2-58, 1-80	..	456
1200	11	1-6J5G, 3-6K7G, 1-6L7G, 1-6R7, 1-6U5/6G5, 2-25N6G, 2-25Z6G, 1-L85CC Resistor	..	456
1500	14	2-6C5G, 1-6H6G, 1-6J5G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-25A6G, 3-25Z6G, 1-85L75CC Resistor	..	456
1900	18	2-6C5G 2-6H6G, 1-6J5G, 3-6K7G, 1-6L7G, 1-6U5 6G5, 4-25A6G, 4-25Z6G, 1-L75CC Resistor	..	456
4145	4	1-47, 1-57, 1-58, 1-80	..	TRF
HAMMARLUND MANUFACTURING CO., Inc. "PRO", "SUPER-PRO"				
Comet Pro (Dec. '31)	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	465
Comet Pro (July '32)	8	2-24A, 3-27, 2-35/51, 1-80	..	465
Comet Pro (Sept. '32)	8	1-47, 2-57, 4-58, 1-80	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HAMMARLUND MANUFACTURING CO., Inc.—Continued				
Comet Pro (Oct. '32)	8	1-47, 2-57, 4-58, 1-80	..	465
Comet Pro (Feb. '33)	8	1-2A5, 2-57, 4-58, 1-80	41	465
Comet Pro (AVC)	9	1-2A5, 1-2B7, 2-57, 4-58, 1-80	41	465
Comet Pro (Crystal)	8	1-2A5, 2-57, 4-58, 1-80	41	465
Comet Pro (Standard)	8	1-2A5, 2-57, 4-58, 1-80	41	465
HQ-120X	12	1-5V4G, 1-6F5, 1-6F6, 2-6H6, 1-6J7, 1-6K8, 3-6S7, 1-6V6G, 1-VR150	47	455
Super-Pro	16	1-1V, 1-5Z3, 1-6A7, 2-6B7, 2-6C6, 5-6D6, 3-43, 1-76	..	465
SP-110, 110L, 110LX, 110S, 110SX, 110X, SPR-110X, SP120, 120L, 120LX, 120S, 120SX, 120X, SPR110, 110L 110LX, 110S, 110SX, SPR120, 120L, 120LX, 120S, 120SX, 120X	16	1-5Z3, 2-6B7, 1-6C5, 1-6C6, 3-6D6, 3-6F6, 1-6J7, 2-6K7, 1-6L7, 1-80	40, 47	465
HAMMARLUND ROBERTS, Inc.				
"HAMMARLUND"				
H-R H1-Q30 AC	8	3-24A, 2-27, 2-45, 1-80	..	TRF
H-R H1-Q30 DC	7	3-24A, 2-27, 2-45	..	TRF
H-R H1-Q31	8	4-24A, 1-27, 2-45, 1-80	..	TRF
HARLEY DAVIDSON MOTOR COMPANY				
"HARLEY DAVIDSON"				
2003	7	3-36, 3-37, 1-38	..	TRF
M-34, M-35	5	3-36, 1-37, 1-38	..	TRF
YA, ZA	5	1-6A7, 1-6B7, 1-38, 2-78	..	456
HAROLD BELL RADIO COMPANY				
"HAROLD BELL"				
25	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	465
44	4	1-41, 1-77, 2-78	..	TRF
44MG	4	1-6A7, 1-6D6, 1-42, 1-75	..	465
44S	4	1-6A7, 1-6B7, 1-41, 1-78	..	262
55MG	5	1-6A7, 2-6D6, 1-42, 1-75	..	262
65	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	465
HARRIS MANUFACTURING COMPANY				
"HARRIS ELECTRONES"				
A, B	4	1-5Z4, 1-6C5, 2-6F6	..	Amplifier
C	7	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 1-6K7	..	465
100, 200	4	1-5Z4, 1-6C5, 2-6F6	..	Amplifier
300, 400	5	4-25Z6, 1-76	..	Amplifier
500, 600, 700	7	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 1-6K7	..	465
501 W, 701 W, 1201 W	7	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 1-6K7	..	465
800	7	1-6A8, 1-6K7, 1-6R7, 2-25A6, 2-25Z6	..	465
900	7	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 1-6K7	..	465
1000	7	1-6A8, 1-6K7, 1-6R7, 2-25A6, 2-25Z5	..	465
HATRY AND YOUNG				
"HATRY AND YOUNG"				
H-Y7	6	3-24A, 3-27	..	175
H-Y7-B	7	3-24A, 3-27, 1-80	..	175

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HERBERT H. HORN				
"TIFFANY TONE"				
6C	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	46	465
10 MTC	10	1-5Y3G, 1-6C5, 1-6F6, 1-6H6, 1-6J7, 3-6K7, 1-6L7, 1-6U5/6G5	46	465
50	5	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7	46	465
50, 50B	5	1-5Y3G, 1-6A8, 1-6F6G, 1-6K7, 1-75	46	465
51, 51C, 52	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	465
62, 63	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-75, 1-64/23	46	465
65, 65C	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	46	465
67, 67C	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	46	465
72, 73, 73C, 73PR	7	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6U5/6G5, 1-64/23, 1-75	46	465
83, 83C	8	1-5Y3G, 1-6A8, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5, 1-64/23	46	465
517, 537, 518, 518PR	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	465
557	5	1-6A8G, 1-6F6G, 1-6K7G, 1-6X5G, 1-75	51	465
HETRO ELECTRIC INDUSTRIES				
"HETRO"				
F5, F6, F7, F8	5	1-6A8, 1-6F6G, 1-6K7, 1-6Q7, 1-80	40	465
F9, F10, F11, F12	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6G, 1-25Z6	40	465
F13, F14, F15, F16, F17, F18, F19, F20	6	1-6A8, 2-6F6G, 1-6K7, 1-6Q7, 1-80	40	465
F21, F22, F23, F24, F25, F26, F27, F28, FC23, FC24, FC27, FC28	6	1-6A8, 1-6K7, 1-6Q7, 2-25A6G, 1-25Z6G	40	465
F29, F30, F31, F32, F33, F34, F48, F49	7	2-6F6G, 1-6J7, 1-6K7, 1-6K7G, 1-6L7, 1-6Q7G	40	465
F50, F51, F52, F53, F56, F57	7	1-6J7G, 2-6K7, 1-6L7, 1-6Q7G, 1-25A6G, 1-25Z6G	40	465
F62, F63	7	2-6F6G, 1-6J7, 1-6K7, 1-6K7G, 1-6L7, 1-6Q7G	..	465
10310	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	..	456
10510	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	..	456
11010, 11110	7	1-6A7, 1-6D6, 1-6K5, 1-6U5/6G5, 1-25L6, 1-25Z6, 1-76, 1-L40C Resistor	..	456
11710	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C Resistor	..	456
14500, 14510, 14541	14	2-6F5, 1-6H6, 2-6J5G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G, 2-80	..	465
14610, 14710	7	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
16010	6	1-6D8G, 2-6S7G, 1-6T7G, 1-19, 1-30	..	465
18060	8	1-6AB5/6N5, 1-6D8G, 2-6L5G, 2-6S7G, 1-6T7G, 1-19	..	465
18810, 18820	8	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6U5/6G5	..	465
20110	8	1-6C5, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 2-25L6, 1-25Z6	..	465
HOODWIN COMPANY, CHARLES				
"AERO"—"HOODWIN"				
A, B	6	4-36, 2-38	..	TRF
Aero Auto	6	3-24A, 2-27, 1-45	..	TRF
Aero Amplifier	4	1-47, 1-56, 1-57, 1-80	..	Amp.
4-T-AC	4	2-35/51, 1-47, 1-80	..	TRF
4-T-DC	4	2-36, 2-37	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HOODWIN COMPANY, CHARLES—Continued				
4-T-TRF	4	1-47, 1-57, 1-58, 1-80	..	TRF
5-T-AC	5	1-47, 1-57, 2-58, 1-80	..	TRF
5-T-DC	5	3-36, 2-38	..	TRF
5-T-TRF	5	1-47, 1-57, 2-58, 1-80	..	TRF
6-T-AC	6	1-47, 1-55, 1-56, 1-57, 1-58, 1-80	..	175
6-T-DC	6	4-36, 2-38	..	175
6-T-Batt	6	1-30, 1-32, 1-33, 3-34	..	175
6-T-32V	6	3-36, 1-37, 2-38	..	175
6-T-110V	6	3-36, 1-37, 2-38	..	175
11-T-AW	11	2-47, 1-55, 3-56, 4-58, 1-80	..	485
907	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	..	175
HOWARD RADIO COMPANY				
"HOWARD"				
A12	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
AA25	4	1-6C6, 1-6D6, 1-25Z5, 1-43	40	TRF
AP	9	2-42, 1-55, 2-56, 3-58, 1-80	41	175
A SW Conv	4	1-24A, 1-27, 2-35/51	41	...
A.V.C	8	3-24A, 2-27, 2-45, 1-80	41	TRF
A.V.H. 45, 60	9	3-27, 3-35/51, 2-47, 1-80	41	175
A.V.O. 35-A	8	3-27, 3-35/51, 1-47, 1-80	41	175
B13	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	40	456
CC23, CC24	6	2-6D6, 1-42, 1-75, 1-76, 1-80	46	456
D4	4	1-24A, 1-35/51, 1-47, 1-80	41	TRF
D8	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	46	456
DL (Late)	15	4-47, 3-56, 1-57, 5-58, 2-80	41	175
DL (Early)	15	4-27, 5-35/51, 4-47, 2-80	41	175
E14, E107	5	1-6C6, 1-6D6, 1-42, 1-75, 1-76	46	456
EX	10	3-27, 4-35/51, 2-47, 1-80	41	175
F	12	1-6A7, 2-42, 3-76, 3-78, 2-80, 1-85	46	465
Grand Series 2	19	1-5Z3, 1-6C6, 5-42, 3-76, 6-78, 1-80, 1-84/6Z4, 1-85	46	465
Green Diamond 8	9	5-26, 1-27, 2-71A, 1-80	41	TRF
Green Diamond 8	9	5-26, 1-27, 2-45, 1-80	41	TRF
G26	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	175
HA1	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	47	175
HA2, HA3	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	47	456
HA4	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	47	175
HA6 Series #1	6	2-6D6, 1-6L7, 1-42, 1-75, 1-76	47	465
HA6 Series #2	6	1-6B5, 2-6D6, 1-6L7, 1-75, 1-76	47	465
HA7	6	1-0Z4, 1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G	47	262
HA8	8	1-0Z4, 1-6A8G, 1-6C5G, 2-6K7G, 1-6Q7G, 2-6V6G	..	262
HA9	6	1-0Z4, 1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G	47	262
HA10	6	1-0Z4, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6	47	465
H35-40 (45)	8	2-27, 3-35/51, 2-45, 1-80	41	175
H35-40 (47)	8	2-27, 3-35/51, 2-47, 1-80	41	175
J3 Compact	6	1-37, 1-43, 1-77, 2-78, 1-84/6Z4	..	456
K with 42's	10	2-42, 3-56, 1-57, 3-58, 1-80	41	175
K (Revised)	10	2-47, 2-56, 2-57, 3-58, 1-80	41	175
L	11	2-42, 3-56, 1-57, 4-58, 1-80	41	175
L	11	2-46, 4-56, 1-57, 3-58, 1-82	41	175
L (Revised)	11	2-42, 1-55, 2-56, 1-57, 4-58, 1-80	41	175
M	13	2-46, 5-56, 1-57, 4-58, 1-82	41	175
M	14	4-42, 1-55, 3-56, 4-58, 2-80	41	175
M (Revised)	14	4-42, 1-55, 2-56, 1-57, 4-58, 2-80	41	175
0	7	2-27, 3-35/51, 1-47, 1-80	41	175
Q	8	1-6A7, 2-12A5, 1-37 or 76, 1-77, 2-78, 1-80	46	170
R9	9	1-6B7, 2-42, 3-76, 1-77, 1-78, 1-80	46	465
S2, S7	8	1-1A6, 2-30, 1-32, 2-34, 2-49	..	175
SGA, SGC	7	3-24A, 1-27, 2-45, 1-80	41	TRF
SGB	6	3-24A, 1-27, 1-45, 1-80	41	TRF
SGF	7	3-24A, 1-27, 2-45, 1-80	41	TRF
SGF Pent	7	3-24A, 1-27, 2-47, 1-80	41	TRF
SGT	5	1-24A, 2-35/51, 1-47, 1-80	41	TRF
SN7	7	6-01A, 1-71A	46	Neut.

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HOWARD RADIO COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
W. Explorer	19	4-2A5, 1-2A7, 1-2B7, 6-56, 3-57, 3-58, 1-83V	41	456
W. Explorer (Revised)	19	4-2A5, 7-56, 4-57, 3-58, 1-83V	41	456
Whitehouse	10	2-46, 3-56, 1-57, 3-58, 1-82	41	175
X2	7	1-6A7, 1-6B7, 1-12A5, 1-77, 2-78, 1-80	46	175
X275	6	1-6D8G, 1-6J8G, 1-6U5/6G5, 1-6V6G, 1-75, 1-80	51	465
Y	8	1-6A7, 1-6B7, 1-12A5, 2-77, 2-78, 1-80	46	175
Z4	10	2-2A5, 1-6A7, 1-6B7, 2-77, 3-78, 1-80	46	175
4B, 4BT	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	465
5	5	1-00A or 01A, 4-01A	..	TRF
5B, 5BT	5	1-1A4T, 1-1B1, 1-1C6, 1-1F4, 1-1F6	..	465
6	6	5-01A, 1-71A	..	TRF
6BA	6	1-6A8G, 2-6S7G, 1-6T7G, 1-19, 1-30	502	465
6BT	5	1-6A8G, 1-6S7G, 1-6T7G, 1-19, 1-30	502	465
6S	9	2-10, 4-26, 1-27, 2-81	46	TRF
7BT	5	1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-41	40	465
7S	7	6-01A, 1-71A	46	Neut.
9B, 12B	4	1-1A5G, 1-1C5G, 1-1H5G, 1-1N5G	..	465
10	5	1-24A, 2-35/51, 1-47, 1-80	41	TRF
12ACB	6	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1P5GT, 1-3Q5GT, 1-117Z6GT	..	465
20, 25, 30	7	2-27, 3-35/51, 1-47, 1-80	41	175
47A	4	1-6C6, 1-6D6, 1-25Z5, 1-43	46	TRF
50	4	2-6D6, 1-6J7, 1-43	46	TRF
56	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K49B Resistor	46	465
57A	4	1-6A7, 1-6D6, 1-43, 1-75	46	456
58	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	46	465
59A	5	1-6A7, 1-6D6, 1-6Q7G, 1-25B5, 1-25Z5, 1-K49C Resistor	46	465
60	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-25Z5, 1-43	46	456
67	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-41, 1-80	46	465
68	6	1-6A7, 1-6B5, 1-6C5, 1-6K7, 1-6Q7, 1-80	46	465
77	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	46	465
99	9	1-5Z4, 1-6A8, 1-6C5, 2-6F6, 1-6H6, 3-6K7	46	465
118	11	1-6A7, 1-6C5, 1-6F5, 2-6F6G, 1-6H6, 3-6K7, 1-6U5/6G5, 1-80	46	465
135	7	1-10, 4-26, 1-27, 1-81	46	TRF
135 DC	6	5-01A, 1-71A	..	TRF
200	4	1-6K7GT, 1-6L7GT, 1-25L6, 1-25Z5	40	TRF
214	14	2-6F5, 1-6H6, 2-6J5G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G, 2-80	46	465
220	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	465
221	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-K49B Resistor	51	465
225, 250	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	465
256	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	465
259	6	1-6A7, 1-6D6, 1-6K5G, 1-25B5, 1-25Z5, 1-76, 1-K42BMG Resistor	40	465
266	6	1-6A7, 1-6D6, 1-6F5G, 1-42, 1-76, 1-80	51	465
268	7	1-6A7, 1-6B5, 1-6F5G, 1-6K7, 1-6U5/6G5, 1-76, 1-80	51	465
270 RF	9	2-10, 4-26, 1-27, 2-81	46	TRF
270	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	51	465
271	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-K49B Resistor	51	465
275, 260	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	51	465
285	5	1-6D6, 1-6J8G, 1-6U5/6G5, 1-25L6G, 1-75, 1-K42C Resistor	47	465
300, 305, 306, 307	5	1-6A8GT, 1-6K6GT, 1-6Q7GT, 1-6SK7, 1-80	51	465
300A, 301, 302, 303, 304	6	1-6A8GT, 1-6J5GT, 1-6Q7GT, 1-6SK7, 1-6V6GT, 1-80	51	465

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HOWARD RADIO COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
302R, 302T	7	1-5W4GT, 1-6A8GT, 2-6Q7GT, 1-6SK7, 1-6U5/6G5, 1-6V6GT	51	465
302RA	7	1-5W4GT, 1-6A8GT, 2-6Q7GT, 1-6SK7, 1-6U5/6G5, 1-6V6GT	51, 55	465
308	6	1-5W4GT, 1-6A8GT, 1-6K6GT, 1-6Q7GT, 1-6SK7, 1-6U5/6G5	51	465
318	10	1-6A7, 1-6F5, 1-6H6, 3-6K7, 1-6U5/6G5, 2-6V6, 1-80	51	465
318D, 325D, 375	7	1-6A7, 1-6D6, 1-6K8G, 1-6U5/6G5, 1-6V6G, 1-75, 1-80	51	465
368	8	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-6K7, 1-6U5/6G5, 1-6V6, 1-80	51	465
377	6	1-6A7, 2-6D6, 1-41, 1-75, 1-80	51	262
395	7	1-10, 4-26, 1-27, 1-81	46	TRF
400K	10	2-47, 3-56, 1-57, 3-58, 1-80	41	175
400, 400A	12	1-6C5, 1-6F5G, 1-6J5G, 3-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 2-6V6, 1-80	51	465
400X	11	1-6A7, 1-6F5, 1-6J5G, 3-6K7, 1-6U5/6G5, 2-6V6G, 1-76, 1-80	51	465
418	12	1-6A7, 1-6F5G, 1-6J5G, 3-6K7, 1-6K8G, 1-6U5/6G5, 1-6Q7G, 2-6V6G, 1-80	51	465
420	11	2-46, 4-56, 1-57, 3-58, 1-82	41	175
425, 425A	14	1-6C5G, 2-6F5G, 1-6H6G, 1-6J5G, 3-6K7, 2-6L6, 1-6L7G, 1-6U5/6G5, 2-80	51	465
430	6	1-5W4, 1-6C5, 1-6K7, 1-6K8G, 1-6Q7G, 1-41	51	465
435	6	1-6C5, 1-6K6GT, 1-6K8G, 1-6SK7, 1-6SQ7, 1-80	51	465
436	7	1-6C5, 1-6H6G, 1-6K6GT, 1-6K8G, 1-6SK7, 1-6SQ7, 1-80	51	465
437	9	1-6C5, 1-6H6G, 1-6K6GT, 1-6K8G, 3-6SK7, 1-6SQ7, 1-80	51	465
438	8	1-6C5, 3-6K7, 1-6K8G, 1-6Q7G, 1-41, 1-80	51	...
440	9	2-6J7G, 3-6K7G, 1-6K8G, 1-6Q7G, 1-6V6G, 1-80	51	465
445, 470, 470A, 495	7	1-10, 4-26, 1-27, 1-81	46	TRF
450A	12	2-6J5G, 2-6J7G, 3-6K7, 1-6L7, 1-6Q7G, 2-6V6G, 1-80	51	1560/465
460	10	1-6H6, 1-6K6GT, 1-6K8G, 1-6SF5, 3-6SK7, 1-6SQ7, 1-6V6G, 1-80	51	465
468	9	1-6A7, 1-6F5G, 2-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-6V6G, 1-80	51	465
500, 501 Revised	15	4-47, 3-56, 1-57, 5-58, 2-80	41	175
500, 501	15	4-27, 5-35/51, 4-47, 2-80	41	175
500 Revised	15	4-42, 3-56, 1-57, 5-58, 2-80	41	175
501 DeLuxe	19	2-24A, 5-27, 6-35/51, 4-47, 2-80	41	175
502	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	40	456
518, 518S	12	1-6A8GT, 2-6F5GT, 2-6J5GT, 3-6SK7, 1-6U5/6G5, 2-6V6G, 1-80	51	465
520, 520 APC	12	1-6A8GT, 2-6F5GT, 2-6J5GT, 3-6SK7, 1-6U5/6G5, 2-6V6G, 1-83V	51	465
525	14	1-6A7, 2-6F5G, 1-6H6, 1-6J5G, 3-6K7, 1-6K8G, 2-6L6G, 1-6U5/6G5, 2-80	51	465
565	6	1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G, 1-6ZY5G	51	465
568, 568S	9	1-6A8GT, 1-6J5GT, 1-6Q7GT, 2-6SK7, 1-6U5/6G5, 2-6V6GT, 1-80	51	465
568R	10	1-6A8GT, 1-6J5GT, 2-6Q7GT, 2-6SK7, 1-6U5/6G5, 2-6V6GT, 1-80	51	465
568RA	10	1-6A8GT, 1-6J5GT, 2-6Q7GT, 2-6SK7, 1-6U5/6G5, 2-6V6GT, 1-80	51, 55	465
575	6	1-6A8GT, 1-6Q7GT, 1-6SK7, 1-6U5/6G5, 1-6V6GT, 1-80	51	465
580	8	1-6A7GT, 1-6A8GT, 1-6J5GT, 2-6K6GT, 1-6SK7, 1-6U5/6G5, 1-80	51	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
HOWARD RADIO COMPANY—Continued				
585	6	1-6AB5/6N5, 1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	465
605	1	1-7E7 Carrier level indicator used with Models 435, 436, 437	46	TRF
650	3	2-6AB7/1853, 1-80 (Pre-Amplifier)	51	TRF
660	2	1-1V, 1-6K8GT (Frequency Monitor)	51	TRF
670A	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	46	175
675	9	2-10, 4-26, 1-27, 2-81	46	TRF
700, 702	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-50L6GT	47	465
750, 1500	9	2-10, 4-26, 1-27, 2-81	46	TRF
HUDSON MOTOR CAR COMPANY				
"HUDSON"				
CB6	6	1-6A6, 1-6A7, 1-6C5, 2-6D6, 1-85	51	260
DB37	6	1-6A6, 1-6A7, 1-6C5, 1-6D6, 1-6K7, 1-85	51	260
DB39	7	1-0Z4, 1-6J7G, 2-6K7G, 1-6R7G, 2-6V6G	44	262
DB40	7	1-6A8, 1-6H6, 1-6SF5, 2-6SK7, 1-6V6GT, 1-6X5	55	455
DB41	8	1-0Z4, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 2-6V6GT	44	262
H6	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-84/6Z4	51	260
JA40	5	1-0Z4, 1-6K7GT, 1-6K8GT, 1-6SQ7, 1-6V6GT	51	455
JA41	5	1-6SA7, 1-6SK7, 1-6SQ7, 1-6V6GT, 1-6X5GT	44	455
SA37	5	1-6A8, 1-6B7, 1-6D6, 1-6K7, 1-42	51	260
SA39	6	1-6J7G, 1-6K6G, 2-6K7G, 1-6Q7G, 1-6X5	44	262
SA40	6	1-6A8, 1-6K6GT, 2-6SK7, 1-6SQ7, 1-6X5	55	455
SA41	6	1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT, 1-6X5GT	44	455
650HD, 651HE, 660TD, 661TE	6	2-6D6, 1-6F7, 1-42, 1-75, 1-84/6Z4	..	252.5
680	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	252.5
HUDSON-ROSS				
38	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
48	4	1-6C6, 1-6D6, 1-25Z5, 1-38	..	TRF
59	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
69	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-85	..	456
80	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
Legion	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
HUPMOBILE CORPORATION				
"HUPMOBILE"—Philco Receivers				
G, Hupmobile J, T, W Cars	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
G (122), Hupmobile J, T, W Cars	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
H, Hupmobile J, T, W Cars	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
H (122), Hupmobile J, T, W Cars	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
R, Hupmobile J, T, W Cars	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
INSULINE RADIO CORPORATION OF AMERICA				
Americus, Aiglon, Atlantic, Bijou, Classis, Gnome, Latinic, Mignon, Pacific	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	132
Conqueror	5	1-36, 2-37, 2-38	..	TRF
Conqueror Batt	5	2-31, 1-32, 2-33	..	TRF
Conqueror AC	5	1-24A, 3-27, 1-45	..	TRF
Conqueror SW-AC	5	2-27, 1-35/51, 1-47, 1-80	..	TRF

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
INSULINE RADIO CORPORATION OF AMERICA—Continued				
Conqueror SW-Batt.	5	2-30, 1-32, 2-33	..	TRF
Elite	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	132
Envoy	6	1-24A, 3-35/51, 1-47, 1-80	..	TRF
Envoy B'cst. LW-AC	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
Envoy B'cst. LW-DC	5	2-33, 3-36	..	TRF
Envoy Midget	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
Envoy Midget DC	5	2-33, 3-36	..	TRF
Envoyette	5	3-37, 2-43	..	TRF
Envoyette AC	5	1-47, 1-57, 2-58, 1-80	..	TRF
Envoyette DC	5	1-37, 2-39/44, 2-43	..	TRF
Icaette, Envoyette AC-DC	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	...
Icasix	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	462.5
Insulette Midget	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
Mascot LW	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
New Envoy	6	1-24A, 3-35/51, 1-47, 1-80	..	TRF
Super Conqueror AC	8	1-47, 1-55, 2-57, 3-58, 1-80	..	115
Superseven	7	1-37, 3-39/44, 2-43, 1-85	..	Super
Superseven AC	7	1-47, 1-55, 1-57, 3-58, 1-80	..	115
Superseven DC	7	1-37, 3-39/44, 2-43, 1-85	..	175
Supersix LW-AC	6	1-47, 1-55, 1-57, 2-58, 1-80	..	115
Trans-Atlantic-Pacific-B'cst	8	1-6A7, 1-6B7, 2-45, 1-77, 2-78, 1-80	..	1580
Una-Radio Five	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	132
Una-Radio Nine	9	1-6A7, 2-25Z5, 2-43, 1-77, 2-78, 1-85	..	115
Universal	7	1-36, 6-37	..	TRF
Univ. Companion	4	1-36, 1-37, 2-38	..	TRF
Univ. Companion (Revised)	7	2-33, 2-36, 3-37	..	TRF
Univ. Mascot	5	1-25Z5, 1-36, 1-37, 1-39/44, 1-43	..	TRF
6-Tube-Superhet	6	2-24A, 2-35/51, 1-47, 1-80	..	175
7-Tube-Superhet	7	2-36, 1-37, 2-39/44, 2-71A	..	175
1257 Longfellow, Envoy	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
1260	8	2-24A, 2-50, 2-35/51, 2-81	..	TRF
.....	4	1-36, 2-37, 1-39/44	..	Super
"INTERNATIONAL"				
(See KADETTE RADIO CORPORATION—Page 146)				
INTERNATIONAL ALL-WAVE RADIO CORPORATION				
Duo	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	TRF
International Duo	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	TRF
K85	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	Super
K95	7	1-24A, 3-27, 1-35/51, 1-47, 1-80	..	Super
PB	4	1-36, 1-38, 1-39/44, 1-KR1	..	TRF
INTEROCEAN RADIO CORPORATION				
"INTEROCEAN"				
500, 515, 516	8	1-56, 2-57, 3-58, 1-59, 1-80	..	175
520, 521	10	2-56, 1-57, 3-58, 3-59, 1-80	..	175
530, 531, 533	12	3-56, 2-57, 3-58, 3-59, 1-80	..	175
2035 Chassis	10	2-56, 1-57, 3-58, 3-59, 1-80	..	175
2037 Chassis	8	1-56, 2-57, 3-58, 1-59, 1-80	..	175
2038 Chassis	12	3-56, 2-57, 3-58, 3-59, 1-80	..	175
"JACKSON BELL"				
(See PACIFIC RADIO CORPORATION for late JACKSON BELL Receivers—Page 176)				
JACKSON BELL COMPANY, LTD.				
4	4	1-47, 2-57, 1-80	..	TRF
5A	5	2-26, 1-27, 1-71A, 1-80	..	TRF
24	4	1-47, 2-57, 1-80	..	175

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
JACKSON BELL COMPANY, Ltd.—Continued				
25	5	2-24A, 1-35/51, 1-47, 1-80	..	175
25A, 25U	5	1-24A, 1-47, 2-58, 1-80	..	175
26	5	3-24A, 1-45, 1-80	..	TRF
26SBL	6	1-47, 1-56, 2-57, 1-58, 1-80	..	175
27	7	1-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
28	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
29	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
33	3	1-24A, 1-27, 1-80	..	840
50, JR	5	3-24A, 1-45, 1-80	..	TRF
59	7	3-26, 1-27, 2-71A, 1-80	..	TRF
60	7	1-24A, 3-26, 2-71A, 1-80	..	TRF
62, 63, 64	6	4-24A, 1-45, 1-80	..	TRF
68	8	4-24A, 1-27, 2-45, 1-80	..	TRF
84	4	2-24A, 1-47, 1-80	..	TRF
86	6	1-24A, 2-27, 1-35/51, 1-47, 1-80	..	175
87	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
88	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
89	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
89A	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
96	6	2-24A, 1-27, 2-47, 1-80	..	TRF
99	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
205	5	1-47, 1-55, 3-58	..	465
845S	8	5-27, 2-45, 1-80	..	TRF
JACKSON RADIO AND TELEVISION COMPANY				
447, J-104, 401A	4	2-24A, 1-47, 1-80	..	TRF
SF-547, 504-B, J-105	5	1-47, 3-57, 1-80	..	TRF
JACKSON RESEARCH LABORATORIES				
JC	3	1-24A, 1-26, 1-27	..	...
NJ-8	8	5-24A, 1-27, 1-45, 1-80	..	175
NJ-32	6	3-24A, 1-27, 1-45, 1-80	..	TRF
R9	9	3-24A, 2-27, 1-35/51, 2-47, 1-80	..	175
JENKINS TELEVISION CORPORATION				
"JENKINS"				
JD-30	8	4-24A, 1-27, 2-45, 1-80	..	TRF
JK-20	6	3-24A, 1-27, 1-45, 1-80	..	TRF
JESSE FRENCH AND SONS PIANO COMPANY				
"JESSE FRENCH"				
Devon	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
G Junior	5	3-24A, 1-45, 1-80	..	TRF
H-1	5	3-24A, 1-45, 1-80	..	TRF
H-2AC	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
H-2DC	5	1-30, 3-32, 1-71A	..	TRF
H-2 Junior	5	3-24A, 1-45, 1-80	..	TRF
S-2	8	4-24A, 1-27, 2-45, 1-80	..	TRF
Tudette	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
U-1	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
5-093	9	5-26, 1-27, 2-45, 1-80	..	TRF
8 AC	9	5-26, 1-27, 2-71A, 1-80	..	TRF
KADETTE RADIO CORPORATION				
"INTERNATIONAL", "KADETTE"				
A, B, AB-9, A-7, BW, C-D-DAC, D11, 12, 14-DSP, 10-DAS, Kadette	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262.5
AW	6	2-24A, 1-47, 1-56, 1-58, 1-80	..	...
A-8, A-9, A-10, AD-11, AD-12	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262.5
C, CS, J, JS	5	2-24A, 1-35/51, 1-47, 1-80	..	TRF
CB (Batt.)	5	1-1A6, 1-30, 1-31, 1-32, 1-33	..	262.5
CM	5	2-6D6, 1-12Z3, 1-38, 1-76	..	262.5

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
KADETTE RADIO CORPORATION—Continued				
CMS	5	1-6A7, 1-6D6, 1-12Z3, 1-38, 1-76	..	262.5
DA8, 9, 10	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262.5
Duo, K, KS	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	TRF
ES-19, 20, 25, 30	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262.5
F-Kadette, Jr	2	1-6F7, 1-12A7	..	TRF
International Duo	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	TRF
K10, 11, 12, 13, 14, 15, 16	5	1-6A7, 1-6D6, 1-6Q7, 1-25B5, 1-25Z5, 1-165R4 Resistor	47	448
K25, 26, 27, 28	5	1-6A7, 1-6D6, 1-25B5, 1-25Z5, 1-75, 1-165R4 Resistor	..	448
K40 Regal	4	1-24A, 1-35/51, 1-47, 1-80	47	TRF
K41, 43, 44	3	1-6J7, 1-6K7, 1-25A7G	..	...
K60, St. Regis	6	2-6D6, 1-6F7, 1-42, 1-75, 1-84/6Z4	..	262.5
K150, 151	4	1-6A8, 1-6K7, 1-6Q7, 1-25A7G, 1-K72B Resistor	40	448
K617	5	1-6C6, 2-6D6, 1-25Z5, 1-43, 1-165R4 Resistor	47	448
K630	5	1-6A7, 1-6D6, 1-6R7, 1-25Z5, 1-43, 1-165R Resistor	40	448
K634, 635, 3734	6	2-6D6, 1-41, 1-75, 1-76, 1-80	47	448
K735	6	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-25Z5, 1-43, 1-140R4 Resistor	40	448
K739	6	1-6A7, 1-6D6, 1-6Q7, 1-25B5, 1-25Z5, 1-76, 1-140R8 Resistor	47	448
K950	8	1-6A7, 1-6D6, 1-6H6, 1-6K5G, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-76, 1-140R8 Resistor	47	448
K1019, 1024, 1030, 1035	7	1-6A7, 1-6D6, 1-25Z5, 2-41, 2-76, 1-200R, 1-250R, 1-300R4 Resistors	47	448
K1129, 1140, 1149, 1159	8	1-6A7, 1-6D6, 1-25Z5, 2-41, 3-76, 1-200R, 1-250R, 1-320R4 Resistors	47	448
L10, 11, 12, 13, 14, 15, 16	5	2-6D6, 1-6Q7, 1-25B5, 1-25Z5, 1-165R4 Resistor	40	448
L24, 25, 26, 27, 28, 40, 41	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
P, PB	4	1-1V, 1-36, 1-38, 1-39/44	..	TRF
T, TS	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
20	4	1-47, 2-57, 1-80	..	TRF
21, 22, 23	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-165R4 Resistor	40	TRF
25, 26	4	1-6C6, 1-6D6, 1-41, 1-80	..	TRF
26, 226	4	1-5Z3, 1-6F6, 2-6J7	50	TRF
35	5	2-6D6, 1-41, 1-75, 1-80	40	448
36	6	2-6D6, 1-41, 1-75, 1-76, 1-80	40	448
40 Jewell	3	2-6C6, 1-12A7	..	TRF
40, 41, 43, 44	3	2-6C6, 1-12A7	..	TRF
50	4	1-47, 2-57, 1-80	113	TRF
52, 53, 553	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7	50	448
55	4	1-47, 2-57, 1-80	113	TRF
56X, 86X	5	1-6A7, 1-6D6, 1-25B5, 1-25Z5, 1-75, 1-165R4 Resistor	40	448
60	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262
61, 661	5	1-6A8, 1-6B7, 1-6K7, 1-25Z5, 1-43, 1-165R8 Resistor	40	448
65	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	262
66	5	2-6D6, 1-25Z5, 1-43, 1-76, 1-165R4 Resistor	..	448
66X, 86, 96	5	1-6C6, 2-6D6, 1-25Z5, 1-43, 1-165R4 Resistor	40	448
70	5	1-1A6, 2-30, 1-32, 1-33	..	262
71	5	1-1A6, 1-1B5/25S, 1-30, 1-33, 1-34	..	456
71C	5	1-1C6, 1-1B5/25S, 1-30, 1-33, 1-34	..	456
72	6	1-1B5/25S, 1-1C6, 1-1J1, 1-19, 1-30 1-34	..	448

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
KADETTE RADIO CORPORATION—Continued				
76, 76X, 676, 676X.	5	1-6C6, 2-6D6, 1-25Z5, 1-43, 1-165R4 Resistor	40	TRF
77, 777, 778, 779..	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-76, 1-60R40 Resistor	40	448
80	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	..	262
85	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43	113	456
87	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-878R48 Resistor	40	448
90 Above 6500	4	1-6C6, 1-6D6, 1-12A7, 1-75	..	456
90 Below 6501	4	1-6C6, 1-6D6, 1-12A7, 1-75	..	262.5
105, 1050	6	1-6A7, 1-6D6, 1-42, 1-76, 1-80, 1-85	113	456
120, 1200, 2200	7	1-5Z4, 1-6A8, 1-6C5, 1-6F6, 1-6H6, 2-6K7	40	448
400	4	1-1B5/25S, 1-1C6, 1-34, 1-950	..	448
500, 550	5	1-1B5/25S, 1-1C6, 1-33, 2-34	..	448
649X	6	2-6D6, 1-6V6G, 1-75, 1-76, 1-80	40	448
KARADIO CORPORATION				
"KARADIO"				
9	9	3-36, 3-37, 3-71A	..	TRF
11	11	4-36, 3-37, 4-71A	..	TRF
55	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	TRF
55 Police	5	1-41, 1-75, 1-77, 2-78	..	456
56	6	1-6F7, 2-41, 1-75, 1-77, 1-78	..	456
57 Sheriff	7	1-6F7, 2-41, 1-75, 1-77, 1-78, 1-84/6Z4	..	456
65	5	1-6B7, 1-6F7, 1-42, 1-77, 1-84/6Z4	..	456
66, 67S	7	1-6F7, 2-41, 1-75, 1-77, 1-78, 1-84/6Z4	..	456
88	8	1-0Z4, 1-6A8, 1-6C5, 4-6K7, 1-6Q7	..	262
150	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
160	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
180	7	1-6A7, 1-6F7, 2-41, 1-75, 1-78, 1-84/6Z4	..	175
1078, 1079	7	1-6J5, 2-6K7, 1-6K8, 1-6N7, 1-6Q7, 1-6X5	..	292
1080	8	1-6A8, 1-6J5, 2-6K6, 2-6K7, 1-6Q7, 1-6X5	..	292
KAYO MANUFACTURING COMPANY				
"KAYO"				
C	4	1-36, 2-39/44, 1-89	..	TRF
D	5	1-36, 2-39/44, 1-75, 1-89	..	Super
4 Tube Super	4	1-6A7, 1-6B7, 1-6D6, 1-41	..	Super
5 Tube Super	5	1-6A7, 2-6D6, 1-41, 1-85	..	Super
KELLER-FULLER MANUFACTURING COMPANY				
"KELLER FULLER"—"RADIETTE"				
F, F-12	5	1-24A, 2-27, 1-45, 1-80	..	TRF
F-14	6	4-24A, 1-45, 1-80	..	TRF
F-14-A, F-14-B	6	3-24A, 1-27, 1-45, 1-80	..	TRF
Junior	5	3-24A, 1-45, 1-80	..	TRF
Radiette-A5	5	1-6A7, 1-6B7, 1-41, 2-58	..	Super
Troubadour	7	4-36, 2-38, 1-71A	..	TRF
30	7	3-36, 1-37, 2-38, 1-71A	..	TRF
40	4	2-24A, 1-47, 1-80	..	TRF
50	5	3-24A, 1-45, 1-80	..	175
60	6	4-24A, 1-45, 1-80	..	TRF
70	6	2-24A, 2-35/51, 1-47, 1-80	..	175
KELLOGG SWITCHBOARD AND SUPPLY COMPANY				
523, 526	9	3-24A, 3-27, 2-45, 1-80	..	TRF
524, 525, 527, 528	10	3-24A, 3-27, 2-50, 2-81	..	TRF
533, 534, 535, 536	8	3-24A, 2-27, 2-45, 1-80	..	TRF
KENNEDY CORPORATION, COLIN B.				
Coronet	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
Royal	8	5-27, 2-45, 1-80	..	TRF
Royal 80	9	5-26, 1-27, 2-71A, 1-80	..	TRF
7 AC	7	5-26, 1-27, 1-71A	..	TRF
10	8	5-27, 2-45, 1-80	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
KENNEDY CORPORATION, COLIN B.—Continued				
20, 20B, 26, 30, 31, 32	8	3-24A, 2-27, 2-45, 1-80	..	TRF
26P	8	2-27, 3-35/51, 2-47, 1-80	..	TRF
30 #435	8	3-24A, 2-27, 2-45, 1-80	..	TRF
34 SW	3	3-24A	..	Conv.
42, 44	6	3-24A, 1-27, 1-45, 1-80	..	TRF
42B	6	2-27, 2-35/51, 1-47, 1-80	..	TRF
48	8	3-24A, 2-27, 2-45, 1-80	..	TRF
50	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
52	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
53 SW, 54 SW, 54-A-SW	2	1-24A, 1-27	..	Conv.
55	4	1-47, 1-57, 1-58, 1-80	..	TRF
56	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
60	7	4-26, 1-27, 1-71A, 1-80	..	TRF
62	10	3-27, 4-35/51, 2-47, 1-80	..	175
62A	10	4-27, 3-35/51, 2-47, 1-80	..	175
64	10	2-24A, 3-27, 2-35/51, 1-47, 2-80	..	175
66, 66A Chassis	12	2-24A, 4-27, 2-35/51, 2-47, 2-80	..	175
66-B	12	2-47, 4-56, 2-57, 2-58, 2-80	..	175
70	8	4-26, 1-27, 2-71A, 1-80	..	TRF
72, 72A, 72B, 77	7	1-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	Super
75	5	1-25Z3, 1-39/44, 1-43, 1-77, 1-78	..	...
80	8	5-26, 1-27, 2-71A	..	TRF
164-B Chassis 64-B	10	1-47, 3-56, 2-57, 2-58, 2-80	..	175
266-B, 366-B, Chassis 66-B	12	2-47, 4-56, 2-57, 2-58, 2-80	..	175
320	8	3-24A, 2-27, 2-45, 1-80	..	TRF
563-A Chassis 63	5	1-47, 1-55, 1-57, 1-58, 1-80	..	175
826-B	11	6-24A, 2-27, 2-45, 1-80	..	TRF
882 (62-D Chassis)	10	2-47, 1-55, 2-56, 1-57, 3-58, 1-80	..	175
882 (64-C Chassis)	10	2-47, 1-55, 2-56, 2-57, 2-58, 1-80	..	175
1000	4	1-6D7, 1-6E7, 1-25Z5, 1-43	..	TRF
1852 Imperial	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
1872-B	7	1-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	175
KING MANUFACTURING COMPANY				
"KING"				
EE, H	6	4-26, 1-27, 1-71A	..	TRF
FF	5	1-12A, 3-26, 1-27	..	TRF
HK, HW	7	4-26, 1-27, 1-71A, 1-80	..	TRF
J	7	4-26, 1-27, 2-71A	..	TRF
JK, JW	8	4-26, 1-27, 2-71A, 1-80	..	TRF
83, 83H, 84	6	4-26, 1-27, 1-71A	..	TRF
92	6	3-26, 2-27, 1-71A	..	TRF
93	7	3-26, 2-27, 2-71A	..	TRF
94, 95	8	6-27, 2-45	..	TRF
97	8	3-26, 2-27, 2-71A, 1-80	..	TRF
98	9	6-27, 2-45, 1-80	..	TRF
101	7	2-24A, 2-27, 2-45, 1-80	..	TRF
218	8	3-24A, 2-27, 2-45, 1-80	..	TRF
KINGSTON PRODUCTS CORPORATION				
"KINGSTON"				
Gypsy	5	1-1V, 1-38, 2-77, 1-78	..	456
55	5	1-12Z3, 1-38, 1-77, 2-78	..	456
500, 500A	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
600-A, 600-B, 610-B (Above #C-1100)	6	1-6A7, 1-42, 1-75, 2-78, 1-80	46	172.5
600-A, 600-B, 610-B (Below #C-1100)	6	1-6A7, 1-42, 1-75, 2-78, 1-80	46	182.5
690BK	6	1-5Y3G, 1-6A8G, 2-6K6G, 1-6K7G, 1-6Q7G	51	456
700, 700-A, 700-B	7	3-6D6, 1-42, 1-75, 1-76, 1-80	46	456
715 BK	7	1-5Y3G, 1-6A8G, 1-6C5G, 2-6F6G, 1-6K7G, 1-6Q7G	43, 51	456
1052A	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	456

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
KOLSTER RADIO, Inc.				
"KOLSTER"				
6D, 6E, 6F, 6G, 6H.	6	5-01A, 1-12A or 71A	..	TRF
6J, 6K, 6L, 6M, 6R, K20, K22, K25, K27	7	4-26, 1-27, 1-71A, 1-80	..	TRF
7A, 7B	7	6-01A, 1-12A or 71A	..	TRF
8A, 8B, 8C	8	7-01A, 1-12A or 71A	..	TRF
950	7	4-26, 1-27, 1-50, 1-81	..	TRF
K-21	8	5-26, 1-27, 1-71A, 1-80	..	TRF
K-23, K-28	9	5-26, 1-27, 1-71A, 1-80, 1-81	..	TRF
K-24	9	1-10 or 50, 5-26, 1-27, 2-81	..	TRF
K-30, K-32	6	5-01A, 1-12A	..	TRF
K-38	9	6-27, 1-50, 2-81	..	TRF
K-42	8	4-26, 1-27, 2-71A, 1-80	..	TRF
K-43, K-43A	8	3-24A, 2-27, 2-45, 1-80	..	TRF
K-44	9	3-24A, 2-27, 2-45, 2-81	..	TRF
K-45	11	3-24A, 4-27, 2-50, 2-81	..	TRF
K-48A, K-48B	7	3-24A, 2-27, 1-45, 1-80	..	TRF
K-60, K-62, K-65, K-100, K-105	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
K-63, K-66, K-73, K-76	7	4-36, 1-37, 2-38	..	175
K-70, K-72, K-75	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
K-80, K-82, K-85	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
K-83, K-86, K-93, K-96	9	3-36, 2-37, 4-38	..	175
K-90, K-92, K-95	10	2-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
K110	8	3-37, 2-38, 3-39/44	..	175
K-112, K-120, K-122	8	1-47, 3-56, 3-58, 1-80	..	175
K-114	9	6-30, 3-34	..	175
K-130, K-132	9	2-47, 3-56, 3-58, 1-80	..	175
K-133	10	3-37, 4-38, 3-39/44	..	175
K-140, K-142	10	2-47, 3-56, 4-58, 1-80	..	175
LAFAYETTE RADIO CORPORATION				
"LAFAYETTE"				
A60, AM20	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	175
B8	6	1-6B8G, 1-6J7G, 1-6K6G, 2-6K7G, 1-6N7G	..	175
B49, 50	4	2-6J7, 1-25L6G, 1-25Z6G, 1-L55B Resistor	..	456
B62	5	1-6A7, 1-6C6, 1-6D6, 1-41, 1-75	..	175
B71, 86	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 2-6K7G, 1-6U5/6G5	..	455
B100, 101, 102, 103	9	1-5Y3G, 1-6AD6G, 1-6SA7, 2-6SK7, 2-6SQ7, 2-6V6GT	..	456
B905	6	1-6C6, 2-6D6, 1-41, 1-75, 1-80	..	175
BB1, 2, 4, 7, 8	8	1-5Y3G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6G	..	456
BB9	5	1-6A8G, 1-6F5G, 1-6H6, 1-6K6G, 1-6K7G	..	455
BB10, 11, 12, 13, 14, 15, 16, 17	11	1-5Y3G, 1-6C8G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G	..	456
BB18, 19, 20, 21, 34, 36	15	1-5Y3G, 1-6C5, 2-6C8G, 1-6P5G, 1-6R7, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G, 1-6ZY5G (Late Models use 2-6F8G, replacing one 6C8G and the 6R7.)	..	456
BB22, 23	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	456
BB27	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	456
BB35, 48, 86	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 2-6K7G, 1-6U5/6G5	..	455
BB70	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	465
BB73	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LAFAYETTE RADIO CORPORATION—Continued				
BB75	6	1-6B8G, 1-6N7G, 1-6K6G, 1-6SA7, 2-6SK7	..	456
BB96	12	1-5Y3G, 1-6C8G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G, 1-6W7G	..	456
BE31	6	1-6A8, 1-6J5, 1-6K7, 1-6N7, 1-6Q7, 1-6SK7	..	465
BE78, 79	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	..	465
BS3	8	1-6D6, 1-6F5G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 1-80	..	456
C1	7	1-6AB5/6N5, 1-6K7, 1-6K8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G	..	456
C10, 26, 27, 30, 91	10	1-6A8G, 1-6B8G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z5	..	456
C12, 13	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
C14	16	1-6AF6G, 1-6A8G, 2-6C5, 1-6H6, 3-6K7, 1-6K8, 4-25L6, 3-25Z5	..	456
C15	9	1-6AF6G, 1-6A7, 3-6D6, 1-6F6G, 1-6K8G, 1-6Q7G, 1-80	..	456
C16	5	1-6D6, 1-6K8G, 1-6Q7G, 1-42, 1-80	..	456
C17	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L36DG Resistor	..	456
C18	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
C19, 21	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
C20, 22, 23, 28	9	1-6AF6G, 1-6A7, 3-6D6, 1-6F6G, 1-6K8G, 1-6Q7G, 1-80	..	456
C26, 27, 30	10	1-6A8G, 1-6B8G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 2-25Z5	..	456
C31	9	1-6AF6G, 1-6A7, 3-6D6, 1-6F6G, 1-6K8G, 1-6Q7G, 1-80	..	456
C32, 33	15	1-6AF6G, 1-6A8G, 4-6C5, 1-6H6, 3-6K7, 1-6K8, 2-6V6G, 2-80	..	456
C34	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
C36	15	1-6AF6G, 1-6A8G, 4-6C5, 1-6H6, 3-6K7, 1-6K8, 2-6V6G, 2-80	..	456
C37	11	1-6AF6G, 1-6D6, 1-6K8G, 1-6Q7G, 2-6V6G, 4-76, 1-80	..	456
C38	11	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 4-76, 1-80	..	456
C39, 41	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
C40, 42	16	1-6AF6G, 1-6A8G, 2-6C5, 1-6H6, 3-6K7, 1-6K8, 4-25L6, 3-25Z5	..	456
C45	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-42, 1-80	..	456
C51, 53	15	1-6AF6G, 1-6A8G, 4-6C5, 1-6H6, 3-6K7, 1-6K8, 2-6V6G, 2-80	..	456
C60, LW10	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
C87	5	1-6D6, 1-6K8G, 1-6Q7G, 1-25L6G, 1-25Z5, 1-L498G Resistor	..	456
C88	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L498G Resistor	..	456
C90, 94	6	1-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L42DG Resistor	..	456
C98	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L36DG Resistor	..	456
C99	7	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 2-25Z5	..	456
C116, 125	7	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT, 1-50L6GT	..	456
C117	7	1-5W4GT, 1-6J5GT, 1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	..	456
C118	7	1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25L6GT, 1-25Z6GT, 1-L36DJG Resistor	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LAFAYETTE RADIO CORPORATION—Continued				
C119	10	1-6A8, 2-6J5, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-25L6, 1-25Z6, 1-6.159 Resistor	..	456
C121	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z5GT	..	456
C126, 127	13	2-6J5, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 4-25L6, 2-25Z6, 1-L49DJ Resistor	..	456
CC1	7	1-6AB5/6N5, 1-6K7, 1-6K8, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G	..	456
CC30	5	1-12A8GT, 1-12SK7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	..	456
CC35, 39, 87, 89, 122, 123	15	1-5U4G, 1-6C8G, 4-6J5, 2-6L6, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6X5G	..	456
CC41, 46, 47, 48	12	1-6A7, 1-6B8, 1-6K8, 1-6SK7, 1-6U5/6G5, 1-6Z7G, 4-25L6, 2-25Z5	..	456
CC52, 54	10	2-6J5, 1-6K8, 2-6SK7, 1-6U5/6G5, 2-6V6G, 1-76, 1-80	..	456
CC57, 57T	9	2-6D6, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 2-25L6G, 1-25Z5, 1-76	..	456
CC58, 58A, 58B	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-70L7GT	..	456
CC68, 81	12	1-6K8, 2-6SK7, 2-6SQ7, 1-6U5/6G5, 4-25L6, 2-25Z5	..	456
CC72	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1T5GT, 1-35Z5GT	..	456
CC84	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	456
CC97	12	1-6C8G, 1-6D6, 1-6K8GT, 1-6Q7G, 1-6U5/6G5, 4-25L6G, 3-25Z5	..	456
D2	6	1-6AC5G, 1-6A7, 1-6D6, 1-75, 1-76, 1-80	..	455
D3	6	1-1D5GP, 2-1H4G, 1-1J6G, 1-6D8G, 1-6T7G	..	455
D4	7	1-6AC5G, 1-6A7, 1-6D6, 1-6U5/6G5, 1-76, 1-78, 1-80	..	455
D5	6	1-6A7, 1-6D6, 2-25L6G, 1-25Z5, 1-75, 1-BM17C Resistor	..	455
D6	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
D9	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49C Resistor	..	455
D24, 25	4	1-6F5GT, 1-6K7GT, 1-25L6GT, 1-25Z5GT	..	TRF
D26, 76, 77, 90	6	1-5W4GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	..	455
D26G	6	1-5W4GT, 1-6A8GT, 1-6K6GT, 1-6P5GT, 1-6SK7GT, 1-6SQ7GT	..	456
D33	7	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6U5/6G5, 1-25L6GT, 1-25Z6GT, 1-BM42C Resistor	..	455
D42, 42G	7	1-5W4GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6U5/6G5	..	456
D43, 44	4	1-6D6, 1-6F5G, 1-25L6G, 1-25Z5, 1-55A Resistor	..	TRF
D45, 46	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	...
D56, 57	4	1-6F5GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
D58, 59	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-BM49B Resistor	..	455
D60, 61	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G	..	455
D62, 63	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
D64	7	1-6AC5G, 1-6A7, 1-6D6, 1-6U5/6G5, 1-76, 1-78, 1-80	..	455
D66, 72, 73	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	..	455
D69, 71, 85, 86, 88, 91	8	1-5W4GT, 1-6K6GT, 2-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6U5/6G5	..	455
D69G, 71G, 86G, 88G, 91G	8	1-5W4GT, 1-6K6GT, 2-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6U5/6G5	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LAFAYETTE RADIO CORPORATION—Continued				
D82	6	1-6A7, 1-6D6, 1-6R7, 1-41, 1-76, 1-84/6Z4	..	455
D85U	8	1-5Z4, 2-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5	..	456
D93	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	465
D131, 132, 133	4	1-12SA7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
D134	7	1-6J5GT, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6X5GT	..	456
D139, 140, E22, 23, 29, 37, 38	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	456
Duo Symphonic	9	1-24A, 5-26, 2-45, 1-80	..	TRF
Duo Symphonic, Jr.	7	3-24A, 1-27, 2-45, 1-80	..	TRF
EM47	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
E59	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
E60	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-25Z6	..	455
E62, 63	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	465
E64, 65	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
E80	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G, 1-35Z4GT	..	455
E186, 187, 188	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
E189	9	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SF5, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	..	455
E190	6	1-6AB5/6N5, 1-6G6G, 1-6K8, 1-6L5G, 1-6S7, 1-6T7G	..	455
E191	4	1-1R5, 1-1S4, 1-1S5, 1-1T4	..	455
E193	6	1-1A7GT, 1-1H5GT, 2-1P5GT, 1-3Q5GT, 1-50Z7GT	..	455
FE5, 6	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	465
FE28	7	1-12A8GT, 1-12SK7, 1-12SQ7, 1-12SQ7GT, 2-35L6GT, 1-35Z4GT	..	465
FE30	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1P5G	..	465
FE32	5	1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5G	..	465
FE35	5	1-6D8G, 1-6K6G, 1-6K7, 1-6T7G, 1-6ZY5G	..	465
FE141, 142	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	455
FE143, 144	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	455
FE145, 146, 147, 148, 149, 151, 152, 153, 154, 155, 156	11	1-5Y3G, 1-6J5GT, 1-6SA7, 3-6SK7, 2-6SQ7, 1-6U5/6G5, 2-6V6GT	..	455
FE150	6	1-5Y3G, 1-6SA7, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6V6GT	..	455
FM1	11	1-5X4G, 1-6AC7/1852, 1-6AD6G, 1-6C5, 1-6H6, 1-6L6, 1-6SA7, 1-6SC7, 2-6SK7, 1-VR150	..	2.1 Mc
FM12	9	2-6AB7/1853, 1-6H6, 1-6R7, 1-6SA7, 1-6SJ7, 2-6SK7, 1-80	..	...
FM13, 14	14	1-5U4G, 2-6AB7/1853, 2-6C8G, 1-6H6, 2-6L6G, 1-6R7, 1-6SA7, 1-6SJ7, 2-6SK7, 1-80	..	456
FS11	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55F Resistor	..	TRF
Great Duo Symphonic	8	3-24A, 2-27, 2-45, 1-80	..	TRF
J37	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	...
JA1	5	1-6A6, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	...
JA7	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BM49B Resistor	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LAFAYETTE RADIO CORPORATION—Continued				
JA84, 87	5	1-6A8GT, 1-6K7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	..	456
JA89, 93	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT, 1-BM55B Resistor	..	TRF
JS 128, 129, 169, 173, 175, 185	8	2-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5, 1-80	..	456
JS130	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	456
JS135	6	1-6J5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-6V6GT, 1-80	..	456
JS170	9	2-6K6GT, 1-6SA7, 1-6SK7, 3-6SQ7, 1-6U5/6G5, 1-80	..	456
JS174	9	1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5, 2-25L6GT, 2-25Z6GT, 1-115.98 Resistor	..	456
JS176	9	2-6K6GT, 1-6SA7, 1-6SK7, 3-6SQ7, 1-6U5/6G5, 1-80	..	456
JS177, 178	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	..	456
JS179, 180	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-115.78 Resistor	..	456
JS181, 182	6	1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6GT, 2-25Z5	..	456
Lafayette	5	3-24A, 1-45, 1-80	..	TRF
L1	12	2-46, 3-56, 2-57, 4-58, 1-80	..	175
L20-05A	5	1-25Z5, 1-43, 2-77, 1-78	..	...
L22, 23	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	...
L30	6	1-41, 1-75, 1-77, 2-78, 1-80	..	262.5
MA3	7	1-6J5GT, 2-6K6GT, 1-6K7GT, 1-6K8GT, 1-6Q7GT, 1-6X5GT	..	465
M31	5	1-47, 2-57, 1-58, 1-80	..	...
M35, 37, 53, AC	7	1-47, 1-55, 1-56, 3-58, 1-80	..	...
M94	6	1-0Z4, 1-6A7, 2-6D6, 1-6Q7G, 1-41	..	262
S28, 53, 54, 56	9	1-5Z4, 2-6K6GT, 1-6SA7, 1-6SK7, 3-6SQ7, 1-6U5/6G5	..	456
S43, 44	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-84/6Z4	..	456
S43G	6	1-5W4GT, 1-6A8GT, 1-6K6GT, 1-6P5GT, 1-6SK7GT, 1-6SQ7GT	..	456
S45	6	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-76, 1-M42F Resistor	..	456
S49	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	..	456
S50	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	456
S161	4	1-1R4, 1-1S4, 1-1S5, 1-1T4	..	456
S162	7	1-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7, 1-6U5/6G5, 1-6X5GT	..	456
S165	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	456
T56	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z4GT	..	456
T97, 99	4	1-12SJ7GT, 1-12SK7GT, 1-35Z5GT, 1-50L6GT	..	TRF
302, 302A	4	1-12Q7GT, 1-12SK7, 1-35Z5GT, 1-50L6GT	..	TRF
LANG RADIO COMPANY				
"LANG"				
AA-5	5	1-47, 1-57, 2-58, 1-82	..	TRF
AA-7	7	1-47, 1-55, 1-56, 3-58, 1-82	..	Super
AB-6	6	1-47, 2-56, 2-58, 1-82	..	TRF
BA-5	5	3-24A, 1-45, 1-80	..	TRF
B-A-5P	5	3-24A, 1-47, 1-80	..	TRF
B-A-5V	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
BD-5-P	5	2-33, 2-36 or 39/44, 1-37	..	TRF
BD-6	6	1-30, 2-31, 3-32	..	TRF
BD-6-P DA-6-L	6	2-33, 2-37, 2-39/44	..	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LANG RADIO COMPANY—Continued				
DA-7	7	1-37, 3-39/44, 1-85, 2-89	..	Super
DB-7	7	1-37, 3-39/44, 2-48, 1-85	..	Super
DB-6	6	2-37, 2-39/44, 2-89	..	TRF
DC-6	6	2-37, 2-39/44, 2-48	..	TRF
F-7	7	5-12A, 2-71A	..	TRF
F-9	9	5-12A, 4-71A	..	TRF
G-8	8	5-27, 2-71A, 1-80	..	TRF
J-7	7	2-12A, 3-22, 2-71A	..	TRF
M-7	7	3-24A, 1-27, 2-45, 1-80	..	TRF
MA-7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
MA-8, SA-8	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
MD-7	7	2-33, 4-36, 1-37	..	175
MD-8, SD-8	8	2-33, 1-36, 2-37, 3-39/44	..	175
R-8	8	4-24A, 2-27, 2-45	..	TRF
SA-9	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
UG-5B	5	2-6C6, 1-6D6, 1-12Z3, 1-43	..	456
40-UL	4	1-6A7, 1-6C6, 1-25Z5, 1-43	..	470
50-AS	5	1-6A7, 1-6D6, 1-38, 1-76, 1-80	..	470
50-UP, 60-UP, 50-US	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	..	470
60-AA	6	1-6A7, 2-6D6, 1-41, 1-75, 1-80	..	470
80-UA	8	1-6A7, 2-6D6, 1-25Z5, 2-43, 2-75	..	470
502-US	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	456
503-AS	5	1-2A5, 1-2A6, 1-2A7, 1-5B, 1-80	..	175
503-US	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	470
503-UT, 523-UT	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	470
703-US	7	1-6A7, 1-6D6, 2-12Z3, 2-43, 1-85	..	175
LARKIN COMPANY, Inc.				
82	8	5-27, 2-45, 1-80 (Some Model 82's have a phase inverter using a 53 instead of a 27, and all a-f transformers are taken out.)	..	TRF
84	6	2-24A, 2-27, 1-45, 1-80	..	TRF
84-A	6	2-24A, 2-27, 1-47, 1-80	..	TRF
87	6	2-30, 3-32, 1-33	..	TRF
88	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
90	7	2-41, 1-77, 2-78, 1-84/6Z4, 1-85	..	175
91	7	1-6A7, 2-41, 2-78, 1-84/6Z4, 1-85	..	175
92	6	1-6A7, 2-41, 1-75, 2-78	..	175
LAUREHK RADIO MANUFACTURING CO. "LAUREHK", "MUSIQUE"				
Car'uso A633	7	1-37, 3-77, 1-79, 1-84/6Z4, 1-85	..	TRF
Car'uso A633B	7	1-36, 1-37, 2-39/44, 2-41, 1-84/6Z4	..	TRF
Car'uso AE5	5	1-6C6, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
Car'uso AE6	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	175
Car'uso AE55	5	1-6A8, 1-6K7, 1-6N6, 1-6Q7, 1-6X5	..	456
Car'uso AE79	7	1-6A7, 1-41, 2-78, 1-79, 1-84/6Z4, 1-85	..	175
G4	5	1-6A7, 1-6F7, 1-25Z5, 1-43, 1-55	..	456
L6A	6	1-6A7, 1-6D6, 1-6F5G, 1-42, 1-76, 1-80	..	456
L7	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42C Resistor	..	456
L7A	7	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 1-76, 1-80	..	456
L19	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456
L40	5	1-6A7, 1-6S7G, 1-6T7G, 1-6U5/6G5, 1-41	..	456
L50, 55, 55AT	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	..	TRF
L66	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	..	456
L508	8	1-5Y4G, 1-6C5, 1-6J7, 2-6K7, 1-6L7, 1-6Q7, 1-6V6	..	456
L512	12	1-5X4G, 1-6A7, 2-6C5, 1-6J7, 3-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	..	456
RHA5	5	1-6A8, 1-6J7, 1-6K7, 1-25L6G, 1-25Z6G	40	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
LAUREHK RADIO MANUFACTURING CO.—Continued				
4T	4	1-6F6, 1-6J7, 1-6K7, 1-80	..	TRF
5T	5	1-6F6, 1-6J7, 2-6K7, 1-80	..	TRF
6AR Auto	6	1-6A8, 1-6B5, 2-6K7, 1-6Q7, 1-6X5	..	175
6J	5	1-6A7, 1-6D6, 1-25B5, 1-25Z5, 1-75, 1-L49C Resistor	..	456
11-ESQ	11	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 4-76, 2-80	..	175
LEHMAN RADIO SALON, Inc.				
"PORT-O-MATIC"				
10	5	2-6C6, 1-6D6, 1-25Z5, 1-43	..	175
10S, 10STD, 12STD, 12 Uni	6	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-25Z5, 1-43, 1-K36B Resistor	..	470
12, 12A	6	2-6C6, 1-6D6, 2-12Z3, 1-43	..	175
12 LW	5	1-6A7, 1-6C6, 1-6D6, 1-25Z5, 1-43	..	115
12P	6	2-6C5, 2-25A6, 2-25Z6	..	...
LEWOL MANUFACTURING COMPANY				
"LEWOL"				
Lewol 12A	6	1-6A7, 1-41, 2-78, 1-79, 1-85	..	Super
Lewol 101B	5	1-0Z4 or 6X5, 1-6A7, 1-6D6, 1-41, 1-75	..	456
Lewol 102B, Pacific "DeLuxe" 6	6	1-0Z4 or 6X5, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	..	177.5
Pacific 101B	5	1-0Z4 or 6X5, 1-6A7, 1-6D6, 1-41, 1-75	..	456
LINCOLN RADIO CORPORATION				
"LINCOLN"				
DeLuxe Dual	11	1-5Z3, 3-2B6, 3-56, 3-58, 1-Wunde	..	465
R-9	11	2-45, 3-56, 4-58, 1-80, 1-Wunde	..	465
R-9 Batt	9	2-30, 1-31, 3-34, 1-55, 1-56, 1-58	..	465
R-9 (Above 1100)	11	2-2A5, 1-5Z3, 1-55, 3-56, 4-58	..	465
SW-31	10	6-24A, 2-27, 2-45	..	175
SW-33 Batt	11	4-30, 2-31, 5-32	..	465
SW-33 DeLuxe	12	5-35/51, 2-45, 3-56, 1-80, 1-Wunde	..	465
SW-33 Improved DeLuxe	12	2-2B6, 1-5Z3, 5-35/51, 3-56, 1-Wunde	..	465
SW-34 DeLuxe (400 to 600)	12	2-2B6, 1-5Z3, 1-55, 3-56, 5-58	..	465
SW-34 DeLuxe (Above 600)	12	2-2A5, 1-5Z3, 1-55, 3-56, 5-58	..	465
SW-34 Batt	10	2-30, 2-31, 5-32, 1-Wunde	..	465
SW-34 Improved Batt	10	1-30, 2-31, 4-34, 1-55, 1-56, 1-58	..	465
LONDON RADIO COMPANY				
"MOTORPHONE"				
40	4	1-41, 1-75, 1-77, 1-78	..	Super
60	6	1-6A7, 1-37, 1-41, 1-78, 1-84/6Z4, 1-85	..	Super
L'TATRO MANUFACTURING COMPANY				
"L'TATRO"				
A525	5	2-38, 1-75, 1-77, 1-78	..	456
AK54, AM54	5	1-6A7, 2-38, 1-75, 1-78	..	175
AM64	4	1-1A4T, 1-1B5/25S, 1-1C6, 1-38	..	456
AQ69, BQ69, CQ69	5	1-6D8G, 1-6E5, 1-6S7G, 1-6T7G, 1-41	..	456
B525	5	2-38, 1-75, 1-77, 1-78	..	456
BM64	4	1-1A4T, 1-1A6, 1-1B5/25S, 1-38	..	456
C625	6	1-6A7, 1-38, 1-75, 2-78, 1-84/6Z4	..	175
C932	9	4-36, 3-37, 2-38	..	175
CM65	5	1-1A4T, 1-1B5/25S, 1-1C6, 2-19	..	456
D73, D76	9	1-37, 2-38, 4-39/44, 1-85, 1-BR	..	175
D625	6	1-6A7, 1-38, 1-75, 2-78, 1-84/6Z4	..	175
DM65	5	1-1A4T, 1-1B5/25S, 1-1C6, 2-19	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	*Panel Lamp No.	I-F Peak or Circuit
L'TATRO MANUFACTURING COMPANY—Continued				
DQ69	7	1-6D8G, 1-6E5, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G, 1-6ZY5G	..	456
E83	9	1-37, 2-38, 4-39/44, 1-85, 1-BR	..	175
EQ39, FQ39, CQ39	6	1-6A7, 1-6E5, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
F725	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	175
F913, 923	9	1-37, 4-39/44, 2-41, 1-85, 1-BR	..	175
FN66, GN66	6	2-1A4T, 1-1B5/25S, 1-1C6, 2-19	..	456
H465, I465	4	2-15, 1-38, 1-75	..	456
HQ39	8	1-6A7, 1-6E5, 1-37, 2-42, 1-75, 1-78, 1-84/6Z4	..	456
IN25	5	1-6A7, 1-38, 1-75, 1-78, 1-84/6Z4	..	456
J665	6	1-6A7, 2-15, 1-19, 1-30, 1-75	..	175
JJ565	5	1-6A7, 2-15, 1-38, 1-78	..	175
JN27	7	1-6A7, 2-38, 1-75, 2-78, 1-84/6Z4	..	456
JQ19	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
JR	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	...
K54	5	2-38, 1-75, 1-77, 1-78	..	175
K665	6	1-6A7, 2-15, 1-19, 1-30, 1-75	..	175
KN27	7	1-6A7, 2-38, 1-75, 2-78, 1-84/6Z4	..	456
L54	5	1-6A7, 2-41, 1-75, 1-78	..	175
L74	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	175
L525	5	1-6A7, 1-12A7, 2-48, 1-78	..	456
M54	5	2-38, 1-75, 1-77, 1-78	..	175
M4616	4	1-6A7, 1-15, 1-33, 1-75	..	456
N54	5	1-6A7, 2-41, 1-75, 1-78	..	175
N74	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	175
NH44	5	2-38, 1-75, 1-77, 1-78	..	175
06-5	5	1-6D8G, 2-6S7G, 1-6T7G, 1-33	..	456
084	8	1-6A7, 1-37, 2-41, 1-75, 3-78	..	175
094	9	1-6A7, 1-37, 2-41, 1-75, 3-78, 1-84/6Z4	..	175
04626, P4626	4	1-6A7, 1-15, 1-33, 1-75	..	456
0-065, N-065	5	1-6D8, 2-6S7, 1-6T7, 1-33	..	170
P54	5	1-6A7, 1-38, 1-75, 1-78, 1-84/6Z4	..	175
PP65	5	1-6D8, 1-6S7, 1-6T7, 1-19, 1-41	..	460
Q5636, R5636, S5636	5	1-6A7, 2-15, 1-33, 1-75	..	456
QP65	5	1-6D8G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-41	..	456
RP66	6	1-6D8G, 1-6E5, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-41	..	456
RP67	7	1-6D8, 1-6E5, 2-6S7, 1-6T7, 1-19, 1-41	..	460
SP68	8	1-6D8, 1-6E5, 2-6S7, 1-6T7, 1-19, 2-41	..	460
T6216	6	1-6A7, 1-38, 1-75, 2-78, 1-84/6Z4	..	175
TP67	7	1-6D8G, 1-6E5, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G 1-6ZY5G	..	456
U5226, V5226	5	1-6A7, 1-38, 1-75, 1-78, 1-84/6Z4	..	456
UP36	6	1-6A7, 1-6E5, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
VP38	8	1-6A7, 1-6E5, 1-37, 2-42, 1-75, 1-78, 1-84/6Z4	..	456
W6236, X6236, Y6236	6	1-6A7, 1-12A5, 1-25Y5, 1-75, 2-78	..	456
1S	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5GT	..	...
5S	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	..	...
6A	5	2-15, 1-19, 1-30, 1-75	.	175
6S	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6SQ7GT 1-6X5GT	..	...
9S	7	1-6A8GT, 2-6K7GT, 1-6Q7GT, 3-25L6G	..	...
219	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
419	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
519, 619	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	175

"LYRIC"

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"MAGNAVOX"

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
"MAJESTIC"				
(See GRIGSBY GRUNOW COMPANY—Page 134)				
MAJESTIC RADIO AND TELEVISION CORPORATION				
"MAJESTIC"				
T081-B, 5RBD	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT	..	...
T101L-A, 102L-A, 101S-A	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	..	...
T121A	5	1-5Y3G, 1-6K6GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT.	..	...
T122A	5	1-5Y3G, 1-6K6GT, 1-6K8GT, 1-6SK7GT, 1-6SQ7GT.	..	...
T201A, TP221A	6	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 2-25L6GT, 1-25Z6GT	..	...
T202A	6	1-6K8GT, 1-6SK7GT, 1-6SQ7GT, 2-25L6GT, 1-25Z6GT	..	...
TR321A	7	1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 2-25L6GT, 1-25Z6GT	..	...
42	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
50	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-Ballast	..	TRF
51	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z6G, 1-BK55B Resistor	..	TRF
52	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	455
55	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z6G, 1-BK55B Resistor	..	455
56, 57	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	..	455
60	6	1-6A8G, 1-6K7G, 1-25B6G, 1-25Z6G, 1-6Q7G, 1-Ballast	..	456
61EB	5	1-6A8G, 1-6Q7G, 1-6U7G, 1-25L6G, 1-25Z6G, 1-BK49C Resistor	..	455
62A	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	455
65, 66	6	1-5Y3G, 1-6A8G, 1-6K6, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
67, 68	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6J5G, 1-6K6G, 1-6U7G	..	455
75, 76	7	1-5Y3G, 1-6C5G, 1-6F6G, 1-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5	..	456
85, 86	8	1-5Y3G, 1-6A8G, 1-6C5G, 2-6F6, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
419	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
511, 551	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	455
560	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	..	455
639	6	1-6A7, 1-6D6, 1-6J5, 1-41, 1-75, 1-80	..	455
650	6	1-5Y3G, 1-6A8G, 1-6K6, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
651, 651EB	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	..	455
673, 674, 675	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6J5G, 1-6K6G, 1-6U7G	..	455
699	6	1-6A7, 1-6D6, 1-6J5, 1-41, 1-75, 1-80	..	455
739	7	1-5Y3G, 1-6J5G, 1-6K6G, 1-6K7, 1-6K8, 1-6Q7, 1-6U5/6G5	..	455
750	7	1-5Y3G, 1-6C5G, 1-6F6G, 1-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5	..	456
775	7	1-5Y3G, 1-6A8G, 1-6F5G, 1-6J5G, 1-6K6G, 1-6U5/6G5, 1-6U7G	..	455
800	8	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25L6, 2-25Z6G, 1-Ballast	..	456
850	8	1-5Y3G, 1-6A8G, 1-6C5G, 2-6F6, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
875	8	1-5Y3G, 1-6A8G, 1-6F5G, 1-6J5G, 1-6K6G, 1-6U5/6G5, 2-6U7G	..	455
939	9	1-5Y3G, 1-6J5G, 2-6K6G, 2-6K7, 1-6K8, 1-6Q7, 1-6U5/6G5	..	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
MAJESTIC RADIO AND TELEVISION CORP.—Continued				
1050	10	1-5Z3, 1-6C5G, 3-6F6G, 2-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5	..	456
1056, 1058, 1056X, 1058X	10	1-5Y3G, 1-6A8G, 1-6J5G, 2-6Q7G, 1-6U5/6G5, 3-6U7G, 1-6V6	..	455
1250	12	1-5Z3, 2-6C5G, 1-6F6G, 1-6H6G, 3-6K7G, 2-6L6G, 1-6L7G, 1-6U5/6G5	..	456
1356, 1356X	13	1-5X4G, 2-6F5G, 1-6H6G, 1-6J5G, 1-6L7G, 1-6Q7, 1-6U5/6G5, 3-6U7G, 2-6V6G	..	455
1656, 1656X	16	1-5X4G, 1-6A8G, 1-6B8G, 2-6F5G, 1-6H6G, 1-6J5G, 1-6J7G, 2-6L6G, 1-6L7G, 1-6Q7G, 1-6U5/6G5, 3-6U7G	..	455
MANHART RADIO MANUFACTURING COMPANY				
"ROAMER"				
33	4	1-41, 1-75, 1-77, 1-78	..	Super
34	5	1-41, 1-75, 1-77, 1-78, 1-84/6Z4	..	Super
35	6	1-6B7, 1-41, 1-77, 2-78, 1-84/6Z4	..	Super
McMURDO SILVER CORPORATION				
"SILVER"				
Masterpiece I	15	2-45, 7-56, 4-58, 2-80	..	465
Masterpiece II	12	2-2A3 or 2B6 & 53 or 2-56, 1-2A7, 1-5Z3, 3-56, 5-58	..	465
Masterpiece III	12	3-2A5, 1-2A7, 1-5Z3, 2-56, 5-58	..	465
Masterpiece IV	19	1-6B7, 6-6D6, 2-25Z5, 6-42, 3-76, 1-85 or later Model: 2-5Z3, 4-6B5, 1-6B7, 1-6L7, 5-6K7, 5-76, 1-85	..	465
Masterpiece V	20	2-5Z3, 3-6C5, 2-6H6, 1-6J7, 6-6K7, 2-6L6, 2-6L7, 1-6Q7, 1-6U5/6G5	..	465
World Wide Nine	9	2-2A5, 1-2A7, 1-5Z3, 1-55, 4-58	..	465
5B	8	1-2A5, 1-2A7, 2-56, 3-58, 1-80	..	465
5C	8	1-2A5, 1-2A7, 1-55, 4-58, 1-80	..	465
5D	10	1-5Z3, 1-6B7, 1-6C6, 4-6D6, 1-41, 1-42, 1-76	..	465
MELL-O-TONE RADIO CORPORATION				
"MELL-O-TONE"				
Vagabond	6	1-6A7, 1-75, 3-78, 1-89	..	465
MIDWEST RADIO CORPORATION				
"MIDWEST"				
AC-9 (171)	9	5-26, 1-27, 2-71A, 1-80	42	...
AC-9 (1SG27)	9	1-24A, 5-27, 2-45, 1-80	42	...
C4-1932	4	1-56, 1-57, 1-58, 1-80	..	...
Intermediate 14-37	14	1-5Z3, 3-6C5, 1-6F6, 1-6H6, 4-6K7, 4-45	46	456
Intermediate 18-36A	18	3-6C5, 2-6H6, 1-6J7, 5-6K7, 1-6L7, 4-6N6, 2-80	46	456
Imperial 35	18	5-2A5, 1-5Z3, 1-6B7, 2-6C6, 6-6D6, 3-76	46	456
Regal 37	22	2-2M2, 2-5W4, 3-6C5, 2-6H6, 1-6J7, 5-6K7, 1-6L7, 4-6N6, 2-80	46	456
Royal	24	3-5Y3G, 5-6C5, 8-6F6, 2-6H6, 1-6J7, 5-6K7	46	456
SW4 Conv.	4	1-56, 1-57, 1-58, 1-80	42	...
SW4-SW Conv.	4	1-24A, 2-27, 1-80	42	...
XD6, DC	6	1-37, 2-43, 2-78, 1-85	..	...
5-35 AC-DC	5	1-6A7, 1-6C6, 1-6D6, 1-12Z3, 1-43	..	465
5-36 AC-DC	5	1-6A7, 1-6D6, 1-12Z3, 1-43, 1-75	..	456
5-36 Auto	5	1-0Z4, 1-6A7, 1-6D6, 1-41, 1-75	..	456
6-33 AC	6	1-55, 1-56, 2-58, 1-59, 1-80	42	450
6-33 Batt	6	1-19, 2-30, 3-34	..	...
6-34	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80	42	450
6-36 Batt	6	1-1C6, 1-19, 2-30, 2-34	..	...
6-37 AC-DC	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49C Resistor	42	456
6-37 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	46	175

Continued on next page

MIDWEST RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
5-38 AC-DC	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25B6G, 1-25Z5, 1-L49B Resistor	46	456
7-36 AC	7	1-6C5, 3-6K7, 1-42, 1-80, 1-85	42	456
7-36 AC-DC	7	1-6A7, 1-6F5, 1-6H6, 1-6K7, 2-25Z5, 1-43	46	1450
7-36 AC	7	1-2A5, 1-55, 1-56, 3-58, 1-80	46	456
7-36 AC Revised	7	1-5Y3G, 1-6C5, 1-6F6, 3-6K7, 1-6Q7	46	456
7-36 Batt	7	1-1C6, 1-19, 3-30, 2-34	..	456
7 37 AC	7	1-5Y3G 1-6C5, 1-6F6, 3-6K7, 1-6Q7	46	456
7-37 Batt	7	1-6A7, 1-6E5, 2 15, 1-19, 2-76	..	465
7-37J AC-DC	7	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 2-25Z6	46	456
7-38 AC-DC	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-L49B Resistor	46	456
7-38 AC-DC	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25B6G, 1-25Z5, 1-K78B, 1-K92B Resistors	.	456
7-38 Batt	7	1-6AB5/6N5, 1-6D8G, 3-6L5G, 1-6S7G, 1-6Z7G or 1J6G	.	456
7T-AC	7	1-6A8G, 1-6AC5G, 1-6H6G, 2-6J5G, 1-6K7G, 1-80	46	456
8-31 Batt	8	7-30, 1-32	..	456
8-33 (2 Gang: 4-Band)	8	1-55, 1-56, 1-57, 2-58, 2-59, 1-80	..	450
8-33 (2 Gang: 5-Band)	8	1-55, 1-56, 1-57, 2-58, 2-59, 1-80	..	456
8-33 (3 Gang: 4-Band)	8	2-2A5, 1-55, 1-56, 1-57, 2-58, 1-80	42	450
8-38	7	1-6A8G, 1-6C5G, 1-6K7G, 1-6Q7G, 2-25B6G, 1-25Z5, 1-K17R Resistor	..	456
8-38 AC-DC	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-K78B or K92B Resistor	46	456
8-38 Batt	8	1-1J6G, 1-4A, 1-6D8G, 3-6L5G, 1-6S7G, 1-6U5/6G5	46	456
8T-AC	8	1-6A8G, 1-6AC5G, 1-6H6G, 2-6J5G, 1-6K7G, 1-6U5/6G5, 1-80	46	456
9-31 (3 S.G.)	9	4-24A, 2-27, 2-45, 1-80	42	TRF
9-31 (4 S.G.)	9	4-24A, 2-27, 2-45, 1-80	42	175
9-32	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	42	175
9-34	9	2-2A5, 1-55, 1-56, 1-57, 3-58, 1-80	42	456
9-38 AC-DC	8	1-6A8G, 1-6C5G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 2-25B6G, 1-25Z5, 1-K17R Resistor	46	456
9-38 AC-DC	7	1-6A8G, 1-6C5G, 1-6K7G, 1-6Q7G, 2-25B6G, 1-25Z5, 1-L49B 1-K92B Resistors	..	456
10-34	10	2-2A5, 3-56, 1-57, 3-58, 1-80	42	456
10A-34, 10-35	10	2-2A5, 3-56, 4-58, 1-80	42	456
10-37 AC-DC	10	1-6A7, 2-6K7, 2-25Z5, 4-43, 1-85	46	456
10-38 AC-DC	8	1-6A8G, 1-6C5G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 2-25B6G, 1-25Z5, 1-L42B, 1-K92B Resistors	46	456
11-32	11	2-24A, 4-27, 2-35/51, 2-47, 1-80	..	175
11-36	11	1-5Z4, 2-6C5, 3-6F6, 1-6H6, 4-6K7	42	456
11-37	11	1-5Z3, 3-6C5, 2-6F6, 1-6H6, 4-6K7	46	456
11-37 AC-DC	11	3-6C5, 1-6H6, 4-6K7, 2-25B6G, 1-25Z6	..	456
12-33	12	3-42, 1-55, 1-57, 6-58, 1-80	42	450
12-38	13	1-6C5G, 1-6C8G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6L6G, 1-6U5/6G5, 2-6V6G, 2-80	42	456
12-38 AC	12	1-6A8G, 2-6C5G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6L7G, 2-6V6G, 1-80	42	456
12-38 Batt	12	1-6AB5/6N5, 1-6H6G, 1-6J7G, 3-6K6G, 2-6L5G, 1-6L7G, 3-6S7G	42	456
14-37	14	1-5Z3, 3-6C5, 5-6F6, 1-6H6, 4-6K7	46	456
14-37A	14	1-5Z3, 4-6C5, 4-6F6, 1-6H6, 4-6K7	46	456
16-33	16	1-42, 2-46, 1-55, 2-56, 1-57, 7-58, 1-80, 1-82	46	450

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
MIDWEST RADIO CORPORATION—Continued				
16-34	16	1-5Z3, 2-6B7, 1-6C6, 1-6D6, 4-37, 4-45, 1-56, 2-78	42	450
16-35	16	1-2A5, 1-5Z3, 1-6B7, 1-6C6, 5-6D6, 4-45, 3-76	42	456
16-37	16	4-6C5, 1-6H6, 1-6J7, 4-6K7, 4-6N6, 2-80	46	456
16-37	16	4-6C5G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6L7G, 4-6N6G, 2-80	..	456
16-38	16	3-6C5G, 2-6H6G, 1-6J7G, 4-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G, 2-80	42	456
16-38CT	14	4-6C5G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6L7G, 2-6V6G, 2-80, 2-5191 Resistors	42	456
18-36	18	2-5Z4, 4-6C5, 5-6F6, 2-6H6, 5-6K7	46	456
18-37	18	2-6C5, 1-6C5G, 1-6H6, 1-6H6G, 1-6J7, 4-6K7G, 2-6L6G, 4-6N6G, 2-80	46	456
18-37	18	4-6C5G, 2-6H6G, 1-6J7G, 4-6K7G, 1-6L7G, 4-6N6G, 2-80	..	456
18-38 AC	18	4-6C5G, 2-6H6G, 1-6J7G, 4-6K7G, 1-6L7G, 4-6V6G, 2-80	42	456
20-38	20	5-6C5G, 2-6H6G, 1-6J7G, 4-6K7G, 1-6L7G, 1-6R7G, 4-6V6G, 2-80	42	456
39-8 Batt	7	1-6A8G, 1-6AB5/6N5, 3-6L5G, 1-6S7G, 1-6Z7G	42	456
39-8 AC	8	1-6A8G, 1-6AC5G, 1-6K7G, 3-6P5G, 1-6U5/6G5, 1-80	46	456
39-8 AC-DC	7	1-6A8G, 1-6K7G, 2-6P5G, 1-6U5/6G5, 1-25L6G, 1-25Z5, 1-L49B Resistor	..	456
39-12	12	1-6H6G, 1-6J5G, 1-6J7G, 3-6K7G, 1-6L7G, 2-6P5G, 2-6V6G, 1-80	46	456
39-17	17	2-6AC5G, 1-6H6G, 1-6J5G, 1-6J7G, 3-6K7G, 1-6L7G, 6-6P5G, 2-80	42	456
51AC	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6P5G	46	456
51 AC-DC	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	456
51 Batt	5	1-1A7G, 1-1H5G, 1-1N5G, 2-1Q5G	..	456
90	9	1-6A8G, 1-6AF6G, 2-6K7G, 2-6P5G, 2-6V6G, 1-80	46	456
90 AC-DC	7	1-7A8, 3-7B7, 1-7C6, 1-35A8, 1-35Z3, 1-L49B Resistor	..	456
120	12	1-6A8G, 1-6H6G, 1-6J5G, 1-6J7G, 3-6K7G, 2-6P5G, 2-6V6G, 1-80	46	456
170	17	1-6A8G, 2-6AC5G, 1-6AF6G, 1-6H6G, 3-6J5G, 1-6J7G, 3-6K7G, 3-6P5G, 2-80	46	456
MINERVA RADIO COMPANY				
"MINERVA"				
E	4	2-64, 1-67, 1-68	..	TRF
6	6	1-37, 2-38, 2-39/44, 1-80	..	TRF
	4	2-36, 1-37, 1-38	..	TRF
	4	3-36, 1-41	..	TRF
MISSION BELL RADIO MFG. COMPANY, Inc.				
"MISSION BELL"				
DeLuxe	4	1-47, 1-57, 1-58, 1-80	..	TRF
5 Auto	5	1-6C6, 2-6D6, 1-41, 1-84/6Z4	..	...
5 AC	6	1-36, 2-39/44, 1-47, 1-80, 1-Wunde	..	...
6-A	7	1-24A, 1-37, 3-39/44, 1-48, 1-KR	..	TRF
10	6	1-1V, 1-36, 2-39/44, 1-41, 1-85	..	262
10A	6	1-36, 2-39/44, 1-41, 1-84/6Z4, 1-85	..	262
11	6	1-42, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
14	5	1-42, 1-75, 1-77, 1-78, 1-84/6Z4	..	456
15	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	...
16	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	465
17A	6	1-1V, 1-36, 2-39/44, 1-41, 1-Wunde	..	...
19A	5	1-35/51, 1-57, 1-58, 1-84/6Z4, 1-Wunde	..	262
19B	5	1-41, 1-57, 1-58, 1-84/6Z4, 1-85	..	262
25A	6	1-42, 1-75, 1-77, 2-78, 1-84/6Z4	..	262

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MISSION BELL RADIO MFG. COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
35-1-2	4	1-6D6, 1-42, 1-76, 1-80	..	TRF
40 AW	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	465
41, 41 AW	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
43 AW	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
371, 372	4	1-6D6, 1-42, 1-76, 1-80	..	TRF
374	5	1-6C6, 1-6D6, 1-42, 1-76, 1-80	..	465
375	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
376	4	1-6C6, 1-6D6, 1-25L6, 1-43, 1-L55B Resistor	..	TRF
378	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	44	465
383	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	44	465
384	5	1-6A7, 1-6D6, 1-42, 1-76, 1-80	..	456
385, 385C	6	1-6A7, 1-6K7G, 1-25Z5, 1-41, 1-67A, 1-75	44	262
386, 386C	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-6V6G, 1-80	..	465
387, 387B	4	1-6A7, 1-6F7, 1-25L6, 1-25Z5, 1-L55B Resistor	..	465
388	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	46	465
389	8	1-6F5, 1-6K7G, 1-6K8, 1-6U5/6G5, 1-41, 2-76, 1-80	46	465
390, 391	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	46	465
392	4	1-25L6G, 1-25Z5, 1-76, 1-78, 1-L55B Resistor	44	465
393, 395	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	44	465
396	6	1-6B6G, 1-6K7G, 1-6K8, 1-41, 1-76, 1-80	44	465
398	6	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-76, 1-80	44	465
399	2	1-6A7, 1-80	44	465
400	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	465
401, 402	5	1-6A7, 1-25L6G, 1-25Z5, 1-75, 1-78, 1-L49B Resistor	44	465
407, 408	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5, 1-50L6GT	**47**	**465**
408, 409	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5, 1-50L6G	47	465
409	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5, 1-50L6GT	47	465
410 (1938-39)	6	1-6AF6G, 1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5, 1-50L6GT	47	465
415	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
416, 417	7	1-5Y3G, 1-6A8GT, 1-6F6G, 1-6K7, 2-6P5GT, 1-6SQ7	44	465
416, 417	7	1-5Y3G, 1-6AC5GT, 2-6P5GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
418	5	1-5W4GT, 1-6K6G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	44	465
422	8	1-5W4G, 1-6A8GT, 1-6AC5GT, 1-6E5, 1-6J5GT, 1-6K7, 2-6SQ7	44	465
423	6	1-5W4GT, 1-6SA7, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6V6GT	44	465
496	3	1-12SQ7, 1-35L6GT, 1-70L7GT	..	...
498	2	1-6L5G, 1-70L7GT, 1-K90AG Resistor	..	...
499	2	1-6A7, 1-76	..	...
500, 501, 503	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	465
504 (1939)	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-117Z6GT	..	465
504 Early	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z4GT	..	465
504 Late	6	1-1A5GT, 1-1A7GT, 1-1H5GT, 2-1N5GT, 1-117N7GT	..	465
3710	8	1-6A8, 1-6F5, 2-6F6, 1-6H6, 1-6K7, 1-6U5/6G5, 1-80	..	456
3810, 3810C	8	1-6A8, 1-6E5, 1-6F5, 2-6F6, 1-6H6, 1-6K7, 1-80	..	465
3817	6	1-6A7, 1-6H6, 2-6K7, 1-41, 1-84/6Z4	..	267.5
3818	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-84/6Z4	..	262.5
3820	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-84/6Z4	..	**262.5**

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit

"MOBILETTE"

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MONTGOMERY WARD AND COMPANY

"AIRLINE"

AE10	9	1-24A, 5-26, 2-45, 1-80	..	TRF
AE11	8	5-27, 2-71A, 1-80	..	TRF
1	10	4-27, 3-35/51, 2-47, 1-80	..	175
2	9	4-27, 3-35/51, 1-47, 1-80	..	175
3, 6, 9	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
7, 8	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
10	5	3-24A, 1-47, 1-80	..	TRF
11, 14, 19	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
12	8	3-27, 3-35/51, 1-47, 1-80	..	262
13, 15, 16, 17, 18	5	2-24A, 1-35/51, 1-47, 1-80	..	262
17	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
20	7	3-24A, 2-35/51, 1-47, 1-80	..	175
21, 22	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262
23	5	4-32, 1-33	..	175
24	10	3-27, 4-35/51, 2-47, 1-80	..	175
25	7	3-24A, 2-35/51, 1-47, 1-80	..	175
26	8	3-27, 3-35/51, 1-47, 1-80	..	262
27, 29, 31	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
28	10	4-27, 3-35/51, 2-47, 1-80	..	262
30	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262
32	8	3-27, 3-35/51, 1-47, 1-80	..	262
33	5	4-32, 1-33	..	175
34, 36	8	3-27, 3-35/51, 1-47, 1-80	..	262
35	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
37	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
38	10	3-27, 4-35/51, 2-47, 1-80	..	262
39	5	4-32, 1-33	..	175
40	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
41	9	6-30, 3-34	..	175
42	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262
43	5	1-35/51, 1-47, 2-57, 1-80	..	262
44	10	3-27, 4-35/51, 2-47, 1-80	..	262
45, 47	7	1-47, 2-56, 2-57, 2-58	..	455
46	8	3-27, 3-35/51, 1-47, 1-80	..	262
48	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262
49	9	3-46, 1-56, 2-57, 2-58, 1-80	..	262
50	10	3-27, 4-35/51, 2-47, 1-80	..	262
51	12	2-46, 3-56, 2-57, 4-58, 1-82	..	175
51 TRF	8	3-24A, 2-27, 2-45, 1-80	..	TRF
52	10	2-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
53	7	1-47, 3-57, 2-58, 1-80	..	175
54, 58, 59	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
55	10	2-47, 2-56, 2-57, 3-58, 1-80	..	175
56	5	3-24A, 1-47, 1-80	..	TRF
57	5	1-35/51, 1-47, 2-57, 1-80	..	252
60	7	3-24A, 2-35/51, 1-47, 1-80	..	175
61	9	3-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
62	6	1-36, 1-37, 1-38, 3-39/44	..	262
62-000	8	3-24A, 2-27, 2-45, 1-80	..	TRF
62-010, 62-020	6	3-24A, 2-45, 1-80	..	TRF
62-030	7	3-24A, 1-27, 2-45, 1-80	..	TRF
62-040	8	3-24A, 2-27, 2-45, 1-80	..	TRF
62-050	7	3-24A, 1-27, 2-45, 1-80	..	TRF
62-055	5	1-01A, 2-24A, 1-26, 1-71A	..	TRF
62-060, 62-070	5	3-24A, 1-45, 1-80	..	TRF
62-080, 62-090, 62-100, 62-181	8	3-24A, 2-27, 2-45, 1-80	..	175
62-232	7	3-24A, 1-27, 2-45, 1-80	..	TRF
62-274, 62-288, 62-290	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	465
62-276	6	1-5Y3G, 1-6A8, 1-6K6, 1-6K7, 1-6Q7, 1-6U5/6G5	44	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
MONTGOMERY WARD AND COMPANY—Continued				
62-280, 62-282, 62-284	5	1-6AB5/6N5, 1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	40	465
62-300	7	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 1-6K7, 1-6Q7	..	465
62-301	11	1-5Z3, 1-6C5, 1-6F5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-302	7	1-6A8G, 1-6C5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-303	13	2-5Y3G, 3-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6U5/6G5	..	456
62-304	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H6G	..	456
62-305	5	2-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-306, 62-406	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	51	465
62-309	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	456
62-312	7	1-6A8G, 1-6C5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-314	11	1-5Z4, 1-6C5, 1-6F5, 3-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-319	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-320	4	2-6J7, 1-25L6G, 1-25Z6G, 1-L55B Resistor	..	456
62-321	11	1-5Y3G, 2-6C5, 2-6F6, 1-6H6, 2-6J7, 2-6K7, 1-6U5/6G5	..	456
62-322	7	1-6A8G, 1-6J5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-323, 62-353	7	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G, 1-6U5/6G5	44	465
62-324	7	1-5Y3G, 1-6A8, 2-6F6, 1-6J5, 1-6K7, 1-6Q7	..	465
62-325	4	2-6J7, 1-25L6G, 1-25Z6G, 1-L55B Resistor	..	456
62-329	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-330	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
62-331	11	1-6AB5/6N5, 6-30, 1-32, 3-34	..	456
62-333	13	2-5Y3G, 3-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6U5/6G5	..	456
62-334	5	1-6A8G, 1-6F5G, 1-6H6, 1-6K6G, 1-6U7G	..	456
62-339	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	456
62-340	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
62-341	11	1-5Z3, 1-6C5, 1-6F5, 3-6F6, 1-6U5/6G5, 1-6H6, 1-6J7, 2-6K7	..	465
62-342, 62-343	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-344	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H6G	..	456
62-345	5	1-1F5G, 1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G	..	465
62-346	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	456
62-347	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-348	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H6G	..	456
62-349	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	456
62-350, 62-351, 62-352	5	1-5W4 or 5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	51	465
62-354	5	2-1C5G, 1-1C7G, 1-1F7G, 1-1G5G	..	465
62-355	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-356	6	1-1J6G, 1-6A8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
62-357	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-358	8	1-5Y3G, 1-6F5, 1-6F6, 1-6H6, 1-6J5, 1-6J7, 1-6K7, 1-6U5/6G5	..	456
62-359	7	1-6AB5/6N5, 1-6K6G, 2-6L5G, 3-6S7G	..	456

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MONTGOMERY WARD AND COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
62-361, 62-362	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	465
62-363	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G	..	456
62-364	6	1-6B8G, 1-6J7G, 1-6K6G, 1-6N7G, 2-6U7G	..	175
62-365	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-368	8	1-5Y3G, 1-6F5, 1-6F6, 1-6H6, 1-6J5, 1-6J7, 1-6K7, 1-6U5/6G5	..	456
62-369	6	1-6B8G, 1-6J7, 1-6K6G, 2-6K7, 1-6N7G	..	175
62-370	7	1-5Y3G, 1-6A8G, 1-6C5G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	456
62-371	8	1-5Y3G, 1-6A8G, 1-6C5, 2-6F6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	..	465
62-372	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-373, 62-374, 292	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-375	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-376	6	1-1J6G, 1-6A8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
62-377, 62-378	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-379	5	1-6A8G, 1-6F5G, 1-6H6, 1-6K6G, 1-6U7G	..	456
62-385	5	2-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-386	5	1-5Y3G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
62-387, 62-388	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-390, 62-490, 62-900	9	1-5Y3G, 2-6J5G, 1-6K6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	44	465
62-396	6	1-5Y3G, 1-6C5, 1-6F6G, 1-6K7G, 1-6L7, 1-6Q7G	..	465
62-401	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 1-6U5/6G5, 2-6U7G	..	456
62-402	11	1-6C6, 2-6D6, 1-6U5/6G5, 2-41, 4-76, 1-80	..	456
62-403	13	1-5U4G, 1-6B8G, 4-6F6G, 1-6F8G, 1-6J5G, 1-6J7G, 1-6U5/6G5, 3-6U7G	..	456
62-404	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H6G	..	456
62-405	5	2-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-409	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-417	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-419	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	465
62-422	7	1-6A8G, 1-6J5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-425	5	1-5Y3G, 1-6A7, 1-41, 1-75, 1-78	..	465
62-433	13	2-5Y3G, 3-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6U5/6G5	..	456
62-434, 62-435	5	1-1C7G, 2-1D5G, 1-1F7G, 1-1G5G	..	465
62-441	11	1-6AB5/6N5, 6-30, 1-32, 3-34	..	456
62-442	7	1-6A8G, 1-6C5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-445	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-446	6	1-1J6G, 1-6A8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
62-447	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-448	8	1-5Y3G, 1-6F5, 1-6F6, 1-6H6, 1-6J5, 1-6J7, 1-6K7, 1-6U5/6G5	..	456
62-449	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	456
62-451	11	1-5Y3G, 2-6C5, 2-6F6, 1-6H6, 2-6J7, 2-6K7, 1-6U5/6G5	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
MONTGOMERY WARD AND COMPANY—Continued				
62-452	7	1-6A8G, 1-6C5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	..	456
62-453	4	1-1D5GP, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-455	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-456	6	1-1J6G, 1-6A8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
62-457	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-458	8	1-5Y3G, 1-6F5, 1-6F6, 1-6H6, 1-6J5, 1-6J7, 1-6K7, 1-6U5/6G5	..	465
62-459	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	40	456
62-463	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G	..	456
62-465	5	1-1F5G, 1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G	..	465
63-466	6	1-1J6G, 1-6A8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
42-467	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-470	7	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	456
62-471, 62-472	7	1-5Y3G, 1-6A8G, 1-6AC5G, 1-6K7, 1-6P5G, 1-6Q7G, 1-6U5/6G5	..	456
62-473, 62-701	7	1-5Y3G, 1-6A8G, 1-6AC5G, 1-6K7, 1-6P5G, 1-6Q7G, 1-6U5/6G5	44	465
62-475	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	465
62-476	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
62-477, 62-478	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-479	7	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	456
62-486	6	1-1J6G, 1-6A8G or 6D8G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G	..	465
62-487, 62-488	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-494, 62-495	5	2-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-497	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
62-500	7	1-5Y3G, 1-6J5G, 1-6K6G, 1-6K7, 1-6L7G, 1-6Q7G, 1-6U5/6G5	44	465
62-501, 62-502	4	1-6A8, 1-6J7, 1-25L6G, 1-25Z6G, 1-62A Resistor	..	465
62-504, 62-505	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
62-506, 62-507, 62-516, 62-517	6	1-1C7G, 1-1D5G, 3-1H4G, 1-1H6G	..	465
62-536, 62-546	5	1-6A8G, 1-6K7G, 1-6R7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
62-550, 62-1550, 62-2550	5	2-1D5G, 1-1D7G, 1-1G5G, 1-1H4G	..	465
62-551, 62-1551, 62-2551	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	465
62-552	5	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G	40	465
62-553	5	1-6D8G, 1-6G6G, 1-6K7, 1-6T7G, 1-6ZY5G	40	465
62-554	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	465
62-555, 62-2555	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	456
62-556	5	1-6A8G, 1-6K7G, 1-6R7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
62-557, 62-2557	5	1-1A7G, 1-1C5G, 2-1H5G, 1-1N5G	..	456
62-558, 62-1558, 62-2558	5	1-1A5G, 1-1A7G, 2-1H5G, 1-1N5G	..	465
62-600, 62-601	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
62-606	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
62-607, 62-608, 62-617	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-616	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
62-618	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
62-627	7	1-5Y3G, 1-6A8, 2-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	465
62-636, 62-646	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	465
62-650	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G	..	456
62-651, 62-652	6	1-6AE6G, 1-6AF6G, 1-6G6G, 1-6K7, 1-6K8, 1-6T7G	40	465
62-654, 655, 1654, 1655, 2654, 2655	6	1-1C7G, 3-1D5GP, 1-1G5G, 1-1H4G	48	465
62-656, 1656, 2656	6	1-1A7G, 1-1G4G, 1-1H5G, 2-1N5G, 1-1Q5G	..	465
62-700	7	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	465
62-701	7	1-5Y3G, 1-6A8G, 1-6AC5G, 1-6K7, 1-6P5G, 1-6Q7G, 1-6U5/6G5	..	465
62-702, 62-703	7	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G, 1-6U5/6G5	44	465
62-704, 705, 706, 707, 708, 709, 710, 711, 712	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	51	456
62-750, 62-751	7	1-6AE6G, 1-6AF6G, 1-6G6G, 1-6K7, 1-6K8G, 1-6T7G, 1-6ZY5G	40	465
62-752, 62-753	7	1-6A8G, 1-6J5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	51	456
62-901, 62-905	9	1-6A7, 1-6D6, 1-6U5/6G5, 2-41, 1-75, 2-76, 1-80	51	456
62-902, 62-910	9	1-6A7, 1-6D6, 1-6U5/6G5, 2-41, 1-75, 2-76, 1-80	..	456
62-1100, 62-1102	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 1-6U5/6G5, 2-6U7G	..	456
62-1101	11	1-6C6, 2-6D6, 1-6U5/6G5, 2-41, 4-76, 1-80	..	456
62-1110	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 1-6U5/6G5, 2-6U7G	..	456
62-1453, 62-1454	4	1-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
62-1656, 62-2656	6	1-1A7G, 1-1G4G, 1-1H5G, 2-1N5G, 1-1Q5G	..	465
63	5	2-12A, 2-22, 1-71A	..	TRF
64, 66	12	2-46, 3-56, 2-57, 4-58, 1-82	..	175
67	7	1-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	175
68	9	3-46, 1-56, 2-57, 2-58, 1-80	..	262
69	10	3-46, 3-56, 3-58, 1-80	..	262
70, 72	7	1-47, 2-56, 2-57, 2-58	..	455
71, 74	7	1-47, 3-57, 2-58, 1-80	..	175
73	5	4-32, 1-33	..	175
75	9	6-30, 3-34	..	175
76	10	2-47, 2-56, 2-57, 3-58, 1-80	..	175
77	6	1-1A1/5E1, 1-19, 1-30, 1-32, 2-34	..	175
79	10	3-46, 3-56, 3-58, 1-80	..	262
80	7	1-47, 1-55, 1-56, 1-57, 2-58, 1-80	..	175
81	4	1-47, 2-57, 1-80	..	455
82	5	1-47, 1-55, 1-57, 1-58, 1-80	..	175
83	7	2-36, 3-39/44, 2-41	..	175
84	10	3-46, 3-56, 3-58, 1-80	..	262
86	12	3-46, 3-56, 2-57, 3-58, 1-82	..	262
87	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
88	9	3-46, 1-56, 2-57, 2-58, 1-80	..	262
89	12	3-45, 1-55, 3-56, 4-58, 1-82	..	175
90	7	1-47, 2-56, 2-57, 2-58	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
91	10	1-1K1, 6-30, 3-34	..	175
92	5	1-35/51, 1-47, 2-57, 1-80	..	262
93	7	1-6C6, 3-6D6, 1-37, 2-41	..	175
94	10	3-46, 3-56, 3-58, 1-80	..	262
95	6	1-1A1/5E1, 1-19, 1-30, 1-32, 2-34	..	175
96	5	1-25Z5, 1-43, 2-77, 1-78	..	262
97, 99	7	1-2A5, 1-55, 1-56, 3-58, 1-80	..	262
98	5	1-25Z5, 1-43, 2-77, 1-78	..	262
100	8	3-24A, 2-27, 2-45, 1-80	..	175
101	10	2-45, 4-56, 3-58, 1-80	..	262
102	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	175
103, 105	7	1-6C6, 2-6D6, 2-37, 1-42, 1-80	..	175
104	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	262
106, 107	10	2-45, 3-56, 4-58, 1-80	..	175
108	6	1-1A1/5E1, 1-19, 1-30, 1-32, 2-34	..	175
110	5	1-19, 1-30, 1-32, 2-34	..	175
112	10	4-6D6, 2-45, 3-76, 1-80	..	456
114, 116	7	1-19, 3-30, 3-34	..	175
115	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
117	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	262
118	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
119	10	1-1K1, 6-30, 3-34	..	175
120, 122, 126, 128	5	1-19, 1-30, 1-32, 2-34	..	175
121, 125	10	2-45, 3-56, 4-58, 1-80	..	175
123	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
124, 129	9	1-19, 4-30, 4-34	..	456
127	7	1-6C6, 2-6D6, 2-37, 1-42, 1-80	..	175
130	6	1-6A7, 2-6E7, 1-75, 1-84/6Z4, 1-89	..	175
132, 137	10	4-6D6, 2-45, 3-76, 1-80	..	456
134, 139	12	4-6D6, 3-42, 3-76, 2-80	..	456
135	6	1-2A5, 1-2A6, 1-27, 1-57, 1-58, 1-80	..	370
136, 138	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
140	5	1-2A5, 2-57, 1-58, 1-80	..	175
141, 143	5	1-19, 1-30, 1-32, 2-34	..	175
142, 144, 132, 133	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
145, 146	9	1-19, 4-30, 4-34	..	456
147	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
148	5	1-2A5, 2-57, 1-58, 1-80	..	175
149, 155, 161, 162	5	1-19, 1-30, 1-32, 2-34	..	175
150, 154	6	1-2A5, 1-2A6, 1-27, 1-57, 1-58, 1-80	..	370
151	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
152	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
153	9	1-19, 4-30, 4-34	..	456
156	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
157	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
158	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
159, 160	5	1-19, 1-30, 1-32, 2-34	..	175
163	9	1-19, 4-30, 4-34	..	456
164	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	370
165	10	4-6D6, 2-45, 3-76, 1-80	..	456
166	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
167	12	4-6D6, 3-42, 3-76, 2-80	..	456
169, 171	4	1-1A6, 2-32, 1-33	..	465
173, 175, 176, 177	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
178	5	1-19, 1-30, 1-32, 2-34	..	175
179	10	4-6K7, 2-45, 3-76, 1-80	..	456
180, 182, 185	7	1-6B7, 3-6K7, 1-6F6, 1-76, 1-80	..	456
181, 183	5	1-19, 1-30, 1-32, 2-34	..	175
184	6	1-2A5, 1-2A6, 1-27, 1-57, 1-58, 1-80	..	370
186	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	456
187	7	1-6B7, 1-6F6, 3-6K7, 1-76, 1-80	..	456
188	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
189	5	1-19, 1-30, 1-32, 2-34	..	175
190	7	1-6B7, 1-6F6, 3-6K7, 1-76, 1-80	..	456
191	5	1-19, 1-30, 1-32, 2-34	..	175
192, 195	12	3-6F6, 4-6K7, 3-76, 2-80	..	456
193	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
194	10	4-6K7, 2-45, 3-76, 1-80	..	456
196	7	1-6B7, 1-6F6, 3-6K7, 1-76, 1-80	..	456
197	16	1-2A3, 1-5Z3, 3-6B7, 1-6F7, 4-6K7, 1-45, 5-76	..	456
198	5	1-6F6, 1-6F7, 1-6K7, 1-75, 1-80	..	465
199	5	1-6C6, 2-6D6, 1-41, 1-75	..	175
200	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
202	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
203	7	1-1C6, 1-19, 2-30, 3-34	..	456
204	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	175
205	7	1-1C6, 1-19, 2-30, 3-34	..	456
206	10	4-6K7, 2-45, 3-76, 1-80	..	456
207, 209	9	1-19, 4-30, 4-34	..	456
208	7	1-1C6, 1-19, 2-30, 3-34	..	456
211, 213	5	1-19, 1-30, 1-32, 2-34	..	175
212	7	1-1C6, 1-19, 2-30, 3-34	..	456
214	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
215	7	1-1C6, 1-19, 2-30, 3-34	..	456
216	10	4-6K7, 2-45, 3-76, 1-80	..	456
217, 219	7	1-1C6, 1-19, 2-30, 3-34	..	456
218, 220	10	4-6K7, 2-45, 3-76, 1-80	..	456
221, 223	9	1-19, 4-30, 4-34	..	456
224	7	1-1C6, 1-19, 2-30, 3-34	..	456
225	5	1-6F6, 1-6F7, 1-6K7, 1-75, 1-80	..	465
226, 228	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q5, 1-6U5/6G5	..	456
227	10	4-6D6, 2-45, 3-76, 1-80	..	456
229	6	1-6A6, 1-6A7, 2-6D6, 1-43, 1-85	..	175
230	5	1-1A6, 1-30, 1-32, 1-34, 1-950	..	465
231	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
233	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-80	..	465
234	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
235	5	1-6F6, 1-6F7, 1-6K7, 1-75, 1-80	..	465
236	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
237, 239	6	1-6A6, 1-6A7, 2-6D6, 1-43, 1-85	..	175
238	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
240	5	1-1A6, 1-30, 1-32, 1-34, 1-950	..	465
241	7	1-1C6, 1-19, 2-30, 3-34	..	456
242	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
243	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2-12Z3	..	175
244, 245, 247	7	1-1C6, 1-19, 2-30, 3-34	..	456
249	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
251, 253, 255	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
254	4	1-1A6, 1-1B5/25S, 1-1F4, 1-34	..	456
256	6	1-6A7, 1-6U5/6G5, 1-41, 1-75, 1-78, 1-80	..	465
257	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
258	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	..	175
259	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
261	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	..	456
263	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
264	5	1-1A4T, 1-1A6, 1-1F4, 1-1F6, 1-6AB5/6N5	..	465
265	5	1-5Y3G, 1-6A7, 1-41, 1-75, 1-78	..	465
266	8	1-5Y3G, 1-6A8G, 1-6C5, 2-6F6G, 1-6K7, 1-6Q7, 1-6U5/6G5	..	465
267	7	1-5W4, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
268	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
269	7	1-5Y3 or 5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
270, 272	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	..	456
271	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	..	456
273	8	1-1C6, 1-6AB5/6N5, 1-19, 2-30, 3-34	..	456
275	7	1-1C6, 1-19, 2-30, 3-34	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
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277	7	1-5W4, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
279	7	1-1C6, 1-19, 2-30, 3-34	..	456
283	8	1-1C6, 1-6AB5/6N5, 1-19, 2-30, 3-34	..	456
286	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	456
291	8	1-6C5, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 2-25L6, 1-25Z6	..	465
292, 294	7	1-1C7G, 1-1D5G, 1-1E5G, 4-1H4G	..	456
293	13	2-5Z4, 3-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
296	6	1-5Y3G, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	..	465
297, 367	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
307	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
308	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
310	10	6-30, 1-32, 3-34	..	456
311	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	..	456
313	13	2-5Z4, 3-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
315	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
316	6	1-5Y3G, 1-6C5, 1-6F6G, 1-6K7G, 1-6L7, 1-6Q7G	..	465
317	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
318	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
326	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	465
327	7	1-1C6, 1-19, 2-30, 3-34	..	456
328	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
332	7	1-6A6, 1-6A8, 3-6K7, 1-43, 1-85	..	456
335	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
336	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	465
337	7	1-1C6, 1-19, 2-30, 3-34	..	456
338	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
360, 367	6	4-24A, 1-45, 1-80	..	TRF
389T	5	1-5Y3G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
391	7	1-5Y3G, 1-6K7, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6G	44	465
392	7	1-6K7, 1-6K8, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25N6G, 1-25Z6G	44	465
393	7 or 8	1-5Y3G, 1-6AB5/6N5, 1-6K8, 1-6L5G, 2-6S7G, 1-6SC7, 1-6T7G	44	465
407	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
408	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
410, 412	10	6-30, 1-32, 3-34	..	456
411	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	..	456
413	13	2-5Z4, 3-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
414	5	2-1D5G, 1-1D7G, 1-1F7G, 1-1G5G	..	465
415	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
416	6	1-5Y3G, 1-6C5, 1-6F6G, 1-6K7G, 1-6L7, 1-6Q7G	..	465
418	8	1-5Z4, 1-6C6, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
420, 421, 423, 431, 434	4	1-12SA7, 1-12SK7, 1-12SQ7, 1-70L7GT	..	465
425	5	1-5Y3G, 1-6A7, 1-41, 1-75, 1-78	..	465
426	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	465
427	7	1-1C6, 1-19, 2-30, 3-34	..	456
428	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465
429	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	465
430	8	1-1A4T, 1-1A6, 1-19, 3-30, 2-34	..	465

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MONTGOMERY WARD AND COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
432	7	1-6A6, 1-6A8, 3-6K7, 1-43, 1-85	..	456
436, 439	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	465
437	7	1-1C6, 1-19, 2-30, 3-34	..	456
454, 460, 1455, 1459, 1460	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1P5G	..	465
461, 1461	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	465
462, 464, 468, 1462, 1464, 1468	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	465
500	7	2-24A, 2-27, 2-45, 1-80	..	TRF
503, 508, 509, 510, 511, 512, 513, 514, 515	5	1-12SA7G, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-35L6GT	47	456
511A, 512A, 513B, 514B	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
515B	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	465
520	4	2-24A, 1-71A, 1-80	..	TRF
554	5	1-6SA7, 2-6SK7, 1-6SQ7, 1-41	51	456
560, 1560, 2560	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	465
563, 1561, 1563, 2561	5	1-1A7G, 1-1H5G, 2-1N5G, 1-1Q5G	..	465
564	5	1-6D8G, 1-6G6G, 1-6K7, 1-6T7G, 1-6ZY5G	47	465
565, 1565, 2565	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1Q5GT	..	456
566	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-5459 Resistor	47	465
567	5	1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5G	51	456
568, 2568	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT	..	456
569, 2569	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT	..	456
570, 570A	5	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	47	455
587	5	1-5Y3G, 1-6A8, 1-6F6G, 1-6K7, 1-6Q7G	..	465
602, 603, 604, 605	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	456
609, 610, 611, 612	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
614, 619	6	1-5Y3G, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	..	456
615	6	1-5Y3G, 1-6SA7, 1-6SJ7, 1-6SK7, 1-6SQ7, 1-6V6GT	44	456
620A	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	..	455
626, 726	5	3-24A, 1-47, 1-80	..	TRF
653	6	1-6H6, 1-6SA7, 3-6SK7, 1-6V6G	51	456
657, 658, 666	6	1-6AE6G, 1-6AD6G, 1-6D8G, 1-6G6G, 1-6SK7, 1-6T7G	40	465
659, 660, 1659, 1660, 2569, 2660	6	1-1A7G, 1-1H5G, 2-1N5G, 1-1P5G, 1-1Q5G	..	465
663, 668, 672, 673, 674, 2663, 2668, 2672, 2673	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	456
675, 676	6	1-6G6G, 1-6SA7, 2-6S7G, 1-6T7G, 1-6ZY5G	47	456
678	6	1-6A8GT, 1-6J5GT, 1-6K7GT, 1-6N7G, 1-6SK7, 1-6SQ7	51	465
679	6	1-6A8 or 6A8GT, 2-6K7, 1-6SQ7, 1-6V6GT, 1-6X5G or 6X5GT	44	455
713	7	1-5Y3G, 1-6AC5G, 1-6AD6G, 1-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
714, 715, 716, 717, 718, 722, 723, 724	7	1-5Y3G, 1-6AC5G, 1-6AD6G, 1-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
MONTGOMERY WARD AND COMPANY—Continued				
719	7	1-12A8GT, 2-12Q7GT, 1-12SK7, 2-35L6GT, 1-35Z4GT	44	465
720	7	1-6A8G, 1-6SK7, 2-6SQ7, 2-35L6GT, 1-35Z4GT	44	465
725, 727, 728	7	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SK7, 2-6SQ7	..	456
729, 730	7	1-5Y3G, 1-6J5GT, 2-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
732, 733	7	1-5Y3G, 2-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7	..	456
754, 755	7	1-6J5G, 1-6N7G, 1-6SA7, 2-6SK7, 1-6V7G, 1-25A6G	..	456
800, 801, 802, 805, 809	8	1-5Y3G, 1-6AD6G, 1-6F6G, 1-6SA7, 3-6SK7, 1-6SQ7	..	456
803	8	1-5Y3G, 1-6AD6G, 2-6K6GT, 1-6SA7, 1-6SK7, 2-6SQ7	..	456
811, 1111	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
839, 921, 922, 923, 924	5	2-12A, 2-22, 1-71A	..	TRF
903, 904, 906, 907	9	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
1000, 1001	10	1-5Y3G, 1-6AD6G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 2-6V6G	..	456
1040	8	3-24A, 2-27, 2-45, 1-80	..	175
1103, 1104	11	1-6C6, 2-6D6, 1-6U5/6G5, 2-41, 4-76, 1-80	..	456
1105, 1106	11	1-5Y3G, 1-6J5GT, 1-6SA7, 3-6SK7, 2-6SQ7, 1-6U5/6G5, 2-6V6GT	44	455
1201	12	1-5U4G, 1-6AD6G, 4-6F6G, 1-6J5G, 1-6K8, 3-6SK7, 1-6SQ7	44	465
1238	8	3-27, 3-35/51, 1-47, 1-80	..	262
1355	10	4-27, 3-35/51, 2-47, 1-80	..	262
1420	4	2-24A, 1-71A, 1-80	..	TRF
1500	5	2-24A, 1-27, 1-45, 1-80	..	TRF
1522, 1562, 1622, 1662	5	2-01A, 1-12A, 2-24A	..	TRF
1611, 1711	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
1800	5	3-24A, 1-45, 1-80	..	TRF
1838	8	3-27, 3-35/51, 1-47, 1-80	..	262
1922	5	1-01A, 2-24A, 1-26, 1-71A	..	TRF
1955	10	4-27, 3-35/51, 2-47, 1-80	..	262
2026, 2126	5	3-24A, 1-47, 1-80	..	TRF
2442, 2465, 2622, 2774	8	3-24A, 2-27, 2-45, 1-80	..	TRF
2655, 2755	9	1-24A, 5-26, 2-45, 1-80	..	TRF
2822, 2827, 2895, 2897, 2422, 2499	7	2-24A, 2-27, 2-45, 1-80	..	TRF
2955, 2957, 3035, 3065, 3067, 3037, 3145	8	3-24A, 2-27, 2-45, 1-80	..	TRF
3235	7	3-24A, 1-27, 2-45, 1-80	..	TRF
3295	7	2-24A, 2-27, 2-45, 1-80	..	TRF
3335	8	3-24A, 2-27, 2-45, 1-80	..	TRF
10,000	7	2-24A, 2-27, 2-45, 1-80	..	TRF
11,000	7	3-24A, 1-27, 2-45, 1-80	..	TRF
14,000	8	3-24A, 2-27, 2-45, 1-80	..	TRF
15,000	5	2-24A, 1-27, 1-45, 1-80	..	TRF

"MOTOROLA"

(See GALVIN MANUFACTURING CORPORATION—Page 114)

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
NAMCO MANUFACTURING CO.				
"NAMCO"				
D-110, 111, 112....	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z4GT	47	455
D-200, 201.....	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
DL-305.....	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DL-601.....	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	455
DX-801.....	5	1-6K7GT, 1-6SQ7GT, 1-7J7, 1-25L6GT, 1-25Z6GT	44	455
NASH MOTORS COMPANY				
AC989.....	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4.....	..	260
AC989 Code 122..	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4.....	..	260
AC1089, AC1189..	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4.....	..	260
AC1289, NT7.....	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4.....	..	260
NT12X, NT12X2, NT15, NT15X....	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4.....	..	260
NATIONAL CARBON COMPANY, Inc.				
"EVEREADY"				
1, 2, 3.....	8	4-26, 1-27, 2-71A, 1-80.....	..	TRF
20, 21.....	6	1-12A, 5-40.....	..	TRF
31, 32, 33, 34.....	8	5-27, 2-71A, 1-80.....	..	TRF
42, 43, 44.....	8	5-27, 2-45, 1-80.....	..	TRF
52, 53, 54.....	8	3-24A, 2-27, 2-45, 1-80.....	..	TRF
NATIONAL COMPANY, Inc.				
"NATIONAL"				
ACSW-3.....	3	1-27, 2-35/51.....	..	TRF
ACSW-3.....	3	1-27, 2-58.....	..	TRF
ACSW-5.....	5	3-27, 2-35/51.....	..	TRF
ACSW-5.....	5	2-24A, 3-27.....	..	TRF
AGS, AGSX.....	9	7-36, 1-37, 1-89.....	..	495
AGS, AGSX.....	9	3-36, 1-37, 1-77, 3-78, 1-89.....	..	495
DCSW-3.....	3	2-36, 1-37.....	..	TRF
DCSW-3-2 Volt....	3	1-30, 2-34.....	..	TRF
DCSW-5.....	5	1-30, 2-31, 2-32.....	..	TRF
FB-7, FB-7A, FBX, FBXA.....	7	2-24A, 1-56, 1-57, 2-58, 1-59.....	..	495
GRDPU.....	2	2-80.....	..	Power Supply
HFC.....	3	2-24A, 1-27.....	..	Conv. 1550
HFR.....	7	2-24A, 1-27, 2-35/51, 2-47.....	..	1550
HRO, HRO Jr.....	9	1-2A5, 1-2B7, 3-57, 4-58.....	43	456
		or 1-6B7, 3-6C6, 4-6D6, 1-42.....	46	456
MB-29, MB-30.....	5	4-24A, 1-27.....	40	TRF
MB-32.....	5	1-27, 4-35/51.....	40	TRF
NC-5.....	5	1-24A, 1-27, 2-35/51, 1-80.....	40	Conv.
NC44.....	7	1-6J7, 1-6K7, 1-6K8, 2-6L7, 1-25L6G, 1-25Z5.....	40	456
NC80X, 81X.....	10	1-6B8, 1-6C5, 3-6J7, 3-6K7, 1-25L6G, 1-25Z5.....	40	1560
NC100, 100X, 101X	12	1-6C5, 1-6E5, 2-6F6, 4-6J7, 3-6K7, 1-80....	40, 46	456
NC100A, 100XA..	11	1-6C8G, 2-6F6G, 1-6F8G, 3-6J7, 3-6K7, 1-80.....	40, 46	456
NC200.....	12	1-5Y3G, 1-6C8G, 1-6F8G, 1-6J5, 1-6K7, 1-6K8, 2-6SJ7, 2-6SK7, 2-6V6.....	40, 44	456
NHU.....	11	2-6C8G, 3-6K7, 2-6SJ7, 1-6V6G, 1-954, 1-955, 1-956.....	40	1560
SW3.....	4	1-1A5G or 6J7G, 1-6C5G, 2-1N5G.....	..	TRF
SW34.....	5	1-30, 2-31, 2-34.....	..	TRF
SW45.....	5	1-27, 2-35/51, 2-45.....	40	TRF
SW58.....	5	1-27, 2-45, 2-58.....	40	TRF
1-10.....	4	1-6C5, 1-6F6, 1-954, 1-955.....	..	TRF
5856.....	1	1-80.....	40	...
5880-AB, 5880-ABS	1	1-80.....	..	Power Supply

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
NOBLITT-SPARKS INDUSTRIES, Inc.				
"ARVIN"				
5, 6 Auto	5	1-6A8, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	51	455
7A	5	1-6A8, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	..	170
7 Auto	5	1-6A7, 1-6B7, 1-6F7, 1-41, 1-84/6Z4	..	170
8A	6	1 6A8, 1-6AC5G, 1-6K7, 1-6P5G, 1-6Q7G, 1-6X5G	51	170
9A, 19	6	1-6A7, 1-41, 1-75, 2-78, 1-84, 6Z4	..	170
10A, 15 Auto	5	1-6A7. 1-6B7, 1-41, 1-78, 1-84/6Z4	..	170
16, 17, 18, 19 Auto.	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	170
20A, 20A No. 2 Auto	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	175
20B Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/Z4	..	175
22A, 32 Auto	6	1-6A8, 1-6K6G, 2-6K7, 1-6Q7G, 1-6X5G	..	170
25 Auto	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	..	175
27 Auto	7	1-6A7, 1-6B7, 2-41, 2-78, 1-84/6Z4	..	170
28 Auto	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	170
29	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	170
30A, 30A No 2 Auto	7	1-41, 1-75, 1-77, 2-78, 1-79, 1-84/6Z4	..	175
33 Auto	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	..	170
35 Auto	8	1-6B7, 1-37, 2-41, 1-77, 1-78, 1-79, 1-84/6Z4	..	175
37 Auto	8	1-6A7, 1-6B7, 2-41, 2-76, 1-78, 1-84/6Z4	..	170
39	7	1-6A8G, 1-6C5G, 2-6K7G, 1-6N7G, 1-6Q7G, 1-6X5 or 0Z4	..	170
40	2	1-12B8GT, 1-70L7GT	..	...
41	4	1-6A7, 1-6F7, 1-41, 1-80	..	456
42 Auto	7	1-0Z4G, 1-6A8, 1-6C5G, 2-6K7, 1-6N7G, 1-6Q7G	..	170
44C	6	1-6A8, 1-6Q7G, 2-6SK7, 1-6V6G, 1-6X5G	..	170
45 Auto	9	1-37. 2-41, 2-75, 1-77, 2-78, 1-84/6Z4	..	175
51	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	456
58, 58A	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6G, 1-25Z6G	51	455
61, 62	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	456
61M, 62M	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	456
68, 68X	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7, 1-6Q7G	51	455
71	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7, 1-6Q7G	44	455
78, 78X	5	1-5Y3G, 1-6K6G, 1-6K7, 1-6K8, 1-6Q7G	44	455
81	8	1-6A7, 2-6B5, 1-76, 2-78, 1-80, 1-85	..	456
81M	9	1-5Z4, 1-6A8, 2-6B5, 1-6C5, 1-6H6, 3-6K7	..	456
88	5	1-6A8, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z5G	51	455
89, 91	6	1-5Y3G, 1-6A8, 1-6K7, 1-6Q7G, 1-6U5/6G5, 1-6V6G	51	455
92	8	1-5Y3G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 2-6V6G	51	455
302, 302L	4	1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	...
402	3	1-25B8GT, 1-35Z5GT, 1-50L6GT	..	...
407	4	1-1V, 1-6C6, 1-6D6, 1-43	..	TRF
417, 467	4	1-6A7, 1-6F7, 1-41, 1-80	51	456
502	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	455
507	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	51	456
508	5	1-6C6, 1-6D6, 1-25B6G, 1-25Z5, 1-Plug-in Resistor	..	TRF
510	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	47	170
517, 527	5	1-6A7, 1-42, 1-75, 1-78, 1-80	51	456
517B, 527B	5	1-6A7, 1-15, 1-19, 1-75, 1-76	51	456
518, 518A	5	1-6A7, 1-41, 1-76, 1-78, 1-80	51	455
518B	5	2-1F5G, 1-6D8G, 1-6S7G, 1-6T7G	51	455
528CS, 568, 568A	5	1-6A7, 1-41, 1-76, 1-78, 1-80	51	455
578B	4	1-1C7G, 1-1D5G, 1-1G5G, 1-1H6G	..	455
602	6	1-12A8GT, 2-12K7GT, 1-12SQ7, 1-35L6GT, 1-35Z5GT	C7	455
608	6	1-6A7, 1-6B6G, 1-6C6, 1-25Z5, 1-75, 1-Plug-In Resistor	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
NOBLITT SPARKS INDUSTRIES, Inc.—Continued				
610	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	51	170
617, 627	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	51	456
617B, 627B	6	1-6A7, 2-15, 1-19, 1-75, 1-76	51	456
618	6	1-5Y3G, 1-6A8G, 1-6E5, 1-6F5G, 1-6K7G, 1-6Q7G	51	455
618B, 628B, 638B	6	2-1A4T, 1-1C6, 1-30, 2-950	51	455
627B	6	1-6A7, 2-15, 1-19, 1-75, 1-76	51	456
628, 628CS	6	1-5Y3G, 1-6A8G, 1-6E5, 1-6F6G, 1-6K7G, 1-6Q7G	51	455
628B	6	2-1A4T, 1-1C6, 1-30, 2-950	..	456
702	6	1-12A8GT, 2-12K7GT, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
710	5	1-6A8, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	..	170
802, 803	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z5GT	47	455
810	6	1-6A8, 1-6Q7G, 2-6SK7, 1-6V6G, 1-6X5G	..	170
818, 828	8	1-5Y3G, 1-6A8G, 1-6E5, 1-6F5G, 1-6H6G, 2-6K7G, 1-6V6G	51	455
838CS, 848CS	8	1-5Y3G, 1-6A8G, 1-6E5, 1-6F5G, 1-6H6G, 2-6K7G, 1-6Y6G	51	455
927	9	1-5Y3G, 1-6A8G, 1-6C5G, 2-6K7G, 2-6N6G, 1-6R7G, 1-6U5/6G5	51	456
1127	11	1-5Y3G, 1-6A8G, 1-C5G, 3-6K7G, 3-6N6G, 1-6R7G, 1-6U5/6G5	51	456
1237D, 1237X, 1247A, 1247D, 1247X	12	1-5U4G, 1-6AB5/6N5, 2-6A8G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6Q7G, 2-6V6G	51	455
1427	14	1-5U4G, 2-6A8G, 3-6C5G, 1-6E5, 1-6H6G, 1-6J7G, 3-6K7G, 2-6L6G	51	455
NORDEN-HAUCK, Inc.				
"NORDEN-HAUCK"				
Adm. Super 12	14	4-24A, 5-27, 2-50, 2-81, 1-Plug-in Resistor	..	Super
Super 15	17	2-50, 7-56, 5-58, 2-81, 1-Plug-in Resistor	..	Super
DX5	6	1-24A, 2-27, 2-45, 1-80	..	TRF
DX5A	5	2-24A, 3-27	..	...
NORTHWEST SPECIALTY COMPANY				
A-16	10	1-27, 2-47, 2-57, 3-58, 2-80	..	TRF
D	5	3-36, 1-37, 1-38	..	TRF
IH	5	1-47, 1-57, 2-58, 1-80	..	TRF
M	6	1-36, 1-37, 2-38, 2-39/44	..	TRF
5L	5	1-47, 1-57, 2-58, 1-80	..	TRF
OLDSMOBILE AUTO COMPANY				
"OLDSMOBILE"				
5950	6	2-36, 1-39/44, 1-85, 2-89	..	...
393884	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
393885	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	262
405045	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	262
405046	4	1-6A7, 1-6B7, 1-6F7, 1-41	..	172
405057	5	1-6A7, 1-6B7, 1-6F7, 2-42	..	172
405062, 405063	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	172
980445	5	1-6F7, 1-41, 1-75, 2-78	..	262
980459	6	1-6F7, 2-41, 2-78, 1-85	..	262
982006	6	3-6D6, 1-42, 1-75, 1-76	..	262
982007, 982008	7	3-6D6, 1-6E6, 2-76, 1-85	..	262
982043	6	1-6A8G, 2-6K7G, 1-6N6G, 1-6Q7G, 1-6X5G	..	262
982044	6	1-6A8G, 1-6F6G, 1-6Q7G, 2-6U7G, 1-6X5G	..	262
982045	8	2-6J5G, 1-6N7G, 3-6U7G, 1-6V7G, 1-6X5G	..	262
993884	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
993885	6	1-6A7, 1-6F7, 2-41, 1-78, 1-85	..	262

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
OZARKA, Inc.				
V-6	6	1-47, 1-55, 1-57, 2-58, 1-80	..	Super
V-8	8	1-47, 3-56, 3-58, 1-80	..	Super
V-10	10	2-46, 4-56, 3-58, 1-80	..	Super
V-16	16	7-27, 4-35/51, 3-45, 2-80	..	Super
78 AC	6	4-26, 1-27, 1-71A	..	...
89 AC	8	2-12A or 71A, 5-26, 1-27	..	TRF
90 AC	9	1-24A, 3-26, 2-27, 2-45, 1-80	..	TRF
90 Batt	6	1-12A, 5-40	..	TRF
91 AC Ozarka	8	4-24A, 1-27, 2-45, -180	..	TRF
91 AC Viking	6	3-24A, 1-27, 1-47, 1-80	..	TRF
92 AC	7	4-24A, 1-27, 1-47, 1-80	..	TRF
93A, 93B	7	2-27, 3-35/51, 1-47, 1-80	..	175
93 Batt	6	2-30, 3-32, 1-33	..	175
94A, 94B (AVC)	8	3-27, 3-35/51, 1-47, 1-80	..	175
PACIFIC RADIO CORPORATION				
"JACKSON BELL", "CRUSADER"				
18	4	1-5W4G, 1-6J7GT, 1-6K7GT, 1-41	..	TRF
20	4	1-42, 1-76, 1-78, 1-80	..	TRF
22	4	1-6C6, 1-42, 1-78, 1-80	..	TRF
27	5	1-6C6, 1-25Z5, 1-43, 1-78, 1-55A Ballast	..	456
34	5	1-6C6, 1-42, 1-76, 1-78, 1-80	..	456
37	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
45	5	1-6A7, 1-42, 1-76, 1-78, 1-80	..	456
50	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-75	..	456
55	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
55-CM	6	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
57	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	456
60	6	1-5Z4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	..	456
80	8	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 1-10-610 Ballast	..	456
577, 577A	7	1-6A7, 1-6AC5G, 1-6D6, 1-6U5/6G5, 1-75, 1-76, 1-80	..	456
PACKARD-BELL RADIO COMPANY				
"PACKARD-BELL"				
5 Auto	4	1-6C6, 1-6D6, 1-42, 1-85	..	460
5A	5	1-5W4, 1-6C5, 1-6F6, 1-6J7, 1-6K7	..	460
5 AC	5	1-5W4 1-6A8, 1-6C5, 1-6F6, 1-6K7	..	460
5B	5	1-5W4, 1-6A8, 1-6F6, 1-6SK7, 1-6SQ7	..	460
5M	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	460
15	5	1-6C6, 1-6D6, 1-41, 1-75, 1-80	..	460
25 Auto	5	1-6A7, 1-6D6, 1-42, 1-84/6Z4, 1-85	..	460
34	4	1-6D6, 1-42, 1-76, 1-80	..	...
35	5	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6K7	..	460
35A	5	1-6C6, 1-6D6, 1-42, 1-76, 1-80	..	460
35 Early, 35M	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	460
36	6	1-2A5, 1-2A7, 1-55, 2-58, 1-80	..	460
46, 46D	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	460
46E	6	1-6A7, 1-6AF6G, 1-6SK7, 1-41, 1-75, 1-80	..	460
47	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 2-6K7	..	460
48	7	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	460
48D	8	1-6AE5G, 1-6AF6G, 1-6K7, 2-6SK7, 1-41, 1-76, 1-80	..	460
50	10	2-5Z4, 1-6A8, 3-6K7, 2-6L6, 1-6R7, 1-6U5/6G5	..	460
55	5	1-2A5, 1-2A7, 1-55, 1-58, 1-80	..	460
65 Auto	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	460
65, 66	5	1-2A5, 1-56, 1-57, 1-58, 1-80	..	460
67 Auto	7	1-6A8, 1-6F6, 1-6H6, 3-6K7, 1-84/6Z4	..	460
75	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6X5G	..	460
76	5	1-2A5, 1-2A7, 1-2B7, 1-57, 1-80	..	460
78	8	1-6A8G, 1-6C5G, 2-6K6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	460

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PACKARD-BELL RADIO COMPANY—Continued				
120	12	2-5W4, 1-6A8, 2-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	460
120A	12	2-5W4, 2-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6K8, 1-6U5/6G5	..	460
160	16	2-5W4, 1-6A8, 1-6B8, 1-6F5, 3-6F6, 1-6H6, 3-6J5, 1-6J7, 2-6K7, 1-6U5/6G5	..	460
PACKARD MOTOR CAR COMPANY				
"PACKARD"				
Custom 5113, 5114	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
DeLuxe PA3283	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
DeLuxe 3801	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
3833, 3852	7	1-6A7, 1-37, 1-75, 2-78, 1-79, 1-84/6Z4	..	260
5150, 5153, 5154	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
PACKARD RADIO COMPANY				
4-T-Super	4	1-47, 2-57, 1-80	..	465
4	4	1-47, 2-57, 1-80	..	235
5 Auto	5	1-47, 1-55, 1-57, 2-58	..	465
6 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	470
8 AC	9	5-26, 1-27, 2-71A, 1-80	..	TRF
11, 13	4	1-2A5, 1-57, 1-58, 1-80	..	TRF
24, 24C	4	1-47, 2-57, 1-80	..	235
85	5	1-2A5 or 1-47, 1-55, 1-57, 1-58, 1-80	..	470
PATENT DEVELOPMENT COMPANY				
Wren	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
Lark	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
PATTERSON RADIO COMPANY				
"PATTERSON"				
PR10	10	1-5Z3, 1-55, 1-56, 3-57, 3-58, 1-59	..	435
PR15	15	1-5X4G, 1-6A8G, 1-6C5G, 1-6H6G, 1-6J7G, 1-6K6G, 4-6K7, 1-6L7, 1-6N7, 1-6Q7, 2-6V6G	..	465
PR16 B Series	16	1-5Z3, 2-6A3, 1-6A5, 3-6C6, 5-6D6, 1-6F7, 3-76	..	458
PR16 C Series	16	1-5Z3, 1-6A6, 2-6C6, 5-6D6, 2-42, 1-75, 4-76	..	458
Pre-Selector	2	2-58	..	TRF
2-128	12	1-5Y3G, 1-6A8, 1-6C5, 2-6F6G, 1-6K6G, 3-6K7, 1-6N7, 1-6R7, 1-6U5/6G5	..	465
2-129	12	1-5Y3G, 1-6A8, 3-6C5, 2-6F6G, 1-6H6, 1-6K6G, 2-6K7, 1-6U5/6G5	..	465
2-169	16	1-5X4G, 1-6A8, 1-6C5, 4-6F6G, 1-6H6, 1-6K6G, 4-6K7, 1-6N7, 1-6R7, 1-6U5/6G5	..	465
60 Series of 1933	6	1-55, 1-57, 2-58, 1-59, 1-82	..	262.5
70AW, 74AW	7	1-55, 1-56, 1-57, 2-58, 1-59, 1-80	..	262.5
75AWA	7	1-6A6, 1-6A7, 1-6B7, 1-6D6, 2-42, 1-80	..	458
80AW, 84AW	8	1-5Z3, 1-55, 1-56, 1-57, 2-58, 2-59	..	262.5
85AW	8	1-5Z3, 1-6A7, 3-6D6, 2-42, 1-75 or 85	..	435
85AWA	8	1-6A6, 1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	458
87, 88, 89, 90	9	1-5X3G, 2-6A8, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	530
100AW, 104AW	10	1-5Z3, 1-53, 1-55, 1-56, 2-57, 2-58, 2-59	..	262.5
105AW	10	1-5Z3, 1-6A7, 3-6D6, 2-42, 1-76, 2-85	..	435
107, 108, 109, 110, 111	11	1-5X3G, 2-6F6, 4-6K7, 1-6L7, 2-6Q7, 1-6U5/6G5	..	465
110AW	10	2-46, 1-55, 2-56, 1-57, 3-58, 1-82	..	262.5
127, 128, 129, 130	13	1-5X4G, 1-6C5, 2-6F6, 5-6K7, 1-6L7, 2-6Q7, 1-6U5/6G5	..	465
186AW	8	1-5Z3, 1-6A6, 1-6A7, 1-6B7, 2-6D6, 2-42	.	458

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PATTERSON RADIO COMPANY—Continued				
208, 308, 408	8	1-5Y3G, 1-6A8, 1-6B8, 3-6K7, 1-6U5/6G5, 1-6V6	..	465
212, 312, 412	12	1-5Y3G, 1-6A8, 1-6C5, 1-6G6G, 1-6J7, 1-6K6G, 3-6K7, 1-6Q7, 2-6V6	..	465
286AW, 386AW	8	1-5Z3, 1-6A6, 1-6A7, 1-6B7, 2-6D6, 2-42	..	458
508AW	8	1-5Z3, 1-55, 1-56, 1-57, 2-58, 2-59	..	262.5
510AW	10	1-5Z3, 1-53, 1-55, 1-56, 2-57, 2-58, 2-59	..	262.5
831, 1031	8	2-27, 3-35/51, 2-47, 1-80	..	*262.5
1106AW, 2106AW, 3106AW	10	1-5Z3, 1-6A6, 1-6A7, 1-6C6, 3-6D6, 2-42, 1-76	..	458
1126AW, 2126AW, 3126AW	12	1-5Z3, 2-6A3, 1-6A6, 1-6A7, 1-6C6, 3-6D6, 3-76	..	458
5007AW	7	1-55, 1-56, 1-57, 2-58, 1-59, 1-80	..	262.5

*Models 831, 1031 i-f peak is 175. if only for broadcast band.

"PEERLESS"

(See UNITED REPRODUCERS—Page 250)

PERFECTONE, Inc.

"PERFECTONE"

44, 44R	4	3-36, 1-41	..	TRF
44E	5	3-36, 1-41, 1-84/6Z4	..	TRF
679B	6	1-36, 2-39/44, 1-41, 1-79, 1-85	..	Super

PETER PAN RADIO COMPANY

"PETER PAN"

4	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
4	4	1-6D6, 1-42, 1-76, 1-80	..	TRF
45N	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	465
56	6	1-6A7, 1-6C5, 1-6D6, 1-42, 1-75, 1-80	..	465
77	7	1-6A7, 1-6C5, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
88	7	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	465
555	5	1-5Z3, 1-6A8G, 1-6F5, 1-6F6G, 1-6K7G	..	465

PHILCO RADIO & TELEVISION CORPORATION

"PHILCO" "TRANSITONE"

AR1	6	1-7A5, 1-7A8, 2-7B7, 1-7C6, 1-7Y4	..	455
AR4, AR5	6	2-7A7, 1-7B6, 1-7B8, 1-7C5, 1-7Y4	44	455
AR6, AR7	6	1-6A7, 2-7A7, 1-7Y4, 1-41, 1-75	51	455
AR8	7	1-6A7, 1-6Y7G, 1-7A4, 2-7A7, 1-7Y4, 1-75	51	455
AR9	6	1-7A7, 1-7B6, 1-7C5, 1-7J7, 1-7L7, 1-7Y4	55	455
AR10	6	1-7A5, 1-7A8, 2-7B7, 1-7C6, 1-7Y4	..	455
AR40, 45, 50, 55	6	2-7A7, 1-7B6, 1-7B8, 1-7C5, 1-7Y4	55	455
AR65	6	1-7A7, 1-7B6, 1-7C5, 1-7J7, 1-7L7, 1-7Y4	55	455
AR75	8	1-7A4, 2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	55	455
C, DP, DPVE, E, E Code 122	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
D, G, Code 121	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	260
FT-6, G (122)	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
H Code 121, 122, HHD, HL, HX, L	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
J, N	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
M-3 Auto	7	2-01A, 3-24A, 2-71A	..	TRF
M-6, B-6, 6F	5	3-36, 1-41, 1-85	..	260
M-7 Code 121	5	3-36, 2-38	..	175
M-8, M-12 Code 121	6	3-36, 1-38, 2-41	..	175
M-9, M-12, M-12 Code 122, PA, PAL	6	3-36, 1-37, 1-79, 1-85	..	260
PB	6	3-36, 1-41, 1-84/6Z4, 1-85	..	260

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PHILCO RADIO & TELEVISION CORPORATION—Continued				
PH	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
PT25, 26, 27, 28	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	...
PT30, 42, 44, 49	5	1-7A8, 1-7B7, 1-7C6, 1-35Z3, 1-50L6GT	..	...
PT87	5	1-1A7G, 1-1H5G, 1-1N5G, 1-3Q5G, 1-117Z6G	..	...
PT89	4	1-1LB4, 1-1LC6, 1-1LD5, 1-1LN5	..	...
P5	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	460
TH4	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	470
TH14, 15, 16, 17, 18	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	455
TP5, 10, 11, 12	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	470
TP20, 21	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	455
T2, 3, 4, 5X2, 5X3, 5X4, 5X5	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
T6	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
T7, 8, 9, 10, 11, 12, 14, 15	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
3 Auto	7	2-01A, 3-24A, 2-71A	..	TRF
3PX	6	3-36, 2-37, 1-38	..	260
4, 4C SW Conv	3	1-24A, 1-27, 1-80	..	1000
5, 5T	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	460
5F	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	460
6F Auto	6	3-36, 1-41, 1-84/6Z4, 1-85	..	260
7	5	3-36, 1-38, 1-41	..	175
7 (121) Auto	5	3-36, 2-38	..	175
7 (122) Auto	5	3-36, 1-38, 1-41	..	260
8 (121) Auto	6	3-36, 1-38, 2-41	..	175
9 Auto	6	3-36, 1-37, 1-79, 1-85	..	260
9F Auto	7	3-36, 1-37, 1-79, 1-84/6Z4, 1-85	..	260
10 (121, 122) 10T	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
11 (122)	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
12 (121) Auto	6	3-36, 1-38, 2-41	..	175
12 (122) Auto	6	3-36, 1-37, 1-79, 1-85	..	260
14 (121, 122, 123)	9	1-6A7, 1-37, 3-42, 1-77, 2-78, 1-80	..	175
14 (221, 222)	9	1-36, 3-37, 2-39/44, 2-42, 1-80	..	260
15	11	4-37, 4-39/44, 2-42, 1-80	..	175
16	11	1-5Z3, 1-37, 3-42, 1-76, 2-77, 3-78	..	460
16B	11	1-37, 3-42, 1-76, 2-77, 3-78, 1-80	..	460
17	11	1-5Z3, 1-6A7, 2-37, 3-42, 1-77, 3-78	..	175
17B	11	1-6A7, 2-37, 3-42, 1-77, 3-78, 1-80	..	175
18	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	260
19	6	1-36, 2-39/44, 1-42, 1-75, 1-80	..	260
20	7	3-24A, 1-27, 2-71A, 1-80	..	TRF
21	7	3-24A, 1-27, 2-45, 1-80	..	TRF
22	7	1-36, 1-37, 3-39/44, 1-42, 1-80	..	260
23	9	1-36, 3-37, 2-39/44, 2-42, 1-80	..	260
24	5	2-24A, 1-35/51, 1-47, 1-80	..	175
25	8	2-37, 4-39/44, 1-42, 1-80	..	460
26, 27	6	1-36, 2-39/44, 1-42, 1-75, 1-80	..	460
28	6	1-6A7, 1-25Z5, 2-39/44, 1-43, 1-75	..	460
29	6	1-6A7, 2-39/44, 1-42, 1-75, 1-80	..	460
30	8	3-30, 2-31, 3-32	..	TRF
32	6	1-36, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	460
34	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
34A	8	1-1C1, 1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
35	7	3-30, 3-32, 1-33	..	260
36	8	3-30, 3-32, 1-33, 1-6	..	260
37	6	1-15, 1-19, 1-30, 2-32, 1-6	..	175
37-9, 37-10	9	1-5Y4G, 1-6A8G, 2-6F6G, 1-6H6G, 2-6K7G, 1-6N7G, 1-6Q7G	..	470
37-11	10	1-5Y4G, 1-6A8G, 2-6F6G, 1-6H6G, 1-6J5G, 1-6K5G, 2-6K7G, 1-6N7G	..	470
37-33, 37-34	5	1-1D5G, 1-1D7G, 1-1E7G, 1-1H4G, 1-1H6G	..	470
37-38	6	1-1C7G, 1-1D5G, 1-1E5G, 2-1H4G, 1-1J6G	..	470

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PHILCO RADIO & TELEVISION CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
37-60, 61, 62	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	470
37-84	4	1-5Y4G, 1-6F6G, 2-6J7G	..	470
37-89	6	1-5Y4G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	470
37-93	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6R7G	..	470
37-116	15	1-5U4G, 1-6A8G, 2-6B4G, 1-6F6G, 1-6H6G, 3-6J5G, 4-6K7G, 1-6L7G, 1-6N7G	..	470
37-600	4	1-5Y4G, 1-6A8G, 1-6J5G, 1-6K6G	..	470
37-602, 604	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z6G	..	470
37-610	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	470
37-611	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z6G	..	470
37-620	6	1-5Y4G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	470
37-623	6	1-1C7G, 2-1D5G, 1-1F7G, 1-1H4G, 1-1J6G	..	470
37-624	6	1-1C7G, 2-1D5G, 1-1F7G, 1-1H4G, 1-1H6G	..	470
37-630	6	1-5Y4G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	470
37-640	7	1-5Y4G, 1-6A8G, 2-6F6G, 2-6K7G, 1-6Q7G	..	470
37-641	7	1-6A8G, 2-6K7G, 1-6Q7G, 2-25A6G, 1-25Z6G	..	470
37-643	7	1-1C7G, 2-1D5G, 1-1E5G, 2-1H4G, 1-1J6G	..	470
37-650	8	1-5Y4G, 1-6A8G, 2-6F6G, 1-6J5G, 1-6K5G, 2-6K7G	..	470
37-660, 37-665	9	1-5X4G, 1-6A8G, 2-6F6G, 2-6J5G, 1-6K5G, 2-6K7G	..	470
37-670	10	1-5X4G, 1-6A8G, 3-6F6G, 4-6J5G, 1-6K5G, 2-6K7G	..	470
37-675	12	1-5X4G, 1-6A8G, 3-6F6G, 1-6H6G, 3-6K7G, 1-6L7G, 1-6N7G, 1-6Q7G	..	470
37-690	20	2-5X4G, 1-6A8G, 2-6B4G, 1-6B8G, 1-6F6G, 1-6H6G, 4-6J5G, 5-6K7G, 1-6L7G, 1-6N7G, 1-6R7G	..	470
37-2620	6	1-5Y4G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	470
37-2650	8	1-5Y4G, 1-6A8G, 2-6F6G, 1-6J5G, 1-6K5G, 2-6K7G	..	470
37-2670	10	1-5X4G, 1-6A8G, 1-6F6G, 4-6J5G, 1-6K5G, 2-6K7G	..	470
38	5	1-15, 1-19, 1-30, 2-32	..	460
38A	6	1-1A1/5E1, 1-1A6, 1-19, 1-30, 2-32	..	460
38-1	12	1-5X4G, 1-6A8G, 2-6F6G, 1-6H6G, 3-6J5G, 1-6K7G, 1-6N7G, 1-6R7G, 1-6U7G	..	470
38-2	11	1-5X4G, 1-6A8G, 2-6F6G, 1-6H6G, 2-6J5G, 1-6K5G, 1-6K7G, 1-6N7G, 1-6U7G	..	470
38-3	9	1-5Y4G, 1-6A8G, 2-6F6G, 1-6H6G, 4-6K7G, 1-6N7G, 1-6Q7G, 1-6U7G	..	470
38-4, 38-5	8	1-5Y4G, 1-6A8G, 2-6F6G, 1-6J5G, 1-6K5G, 1-6K7G, 1-6U7G	..	470
38-7, 8, 9	6	1-5Y4G, 1-6A8G, 1-6F6G, 1-6J5G, 1-6K5G, 1-6K7G	..	470
38-10	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	470
38-12	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
38-14 Code 121 & 124	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	470
38-15 Code 121 & 124	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
38-22, 23	6	1-6A8G, 1-6K7G, 1-6R7G, 2-25L6G, 1-25Z6G	..	470
38-32	6	1-6A8G, 1-6F6G, 1-6J5G, 1-6K5G, 1-6K7G, 1-6X5G	..	470
38-33, 34 Code 121 & 124	5	1-1D5GT, 1-1D7G, 1-1E7G, 1-1H4G, 1-1H6G	..	470
38-35	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6X5G	..	470

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PHILCO RADIO & TELEVISION CORPORATION—Continued				
38-38	6	1-1C7G, 1-1D5GP, 1-1E5GT 2-1H4G, 1-1J6G	..	470
38-39	6	1-1C7G, 1-1D5GP, 1-1D5GT, 2-1H4G, 1-1J6G	..	470
38-40	6	1-6A8G, 1-6J5G, 1-6K5G, 1-6K6G, 1-6K7G, 1-6X5G	..	470
38-60, 62	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	470
38-89	6	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U7G	..	470
38-93	5	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6R7G	..	470
38-116 Code 121	15	1-5X4G, 1-6A8G, 4-6J5G, 4-6K7G, 2-6L6G, 1-6L7G, 1-6N7G, 1-6R7G	..	470
38-116 Code 125	15	1-5X4G, 2-6A8G, 4-6J5G, 3-6K7G, 2-6L6G, 1-6N7G, 1-6R7G, 1-6U7G	..	470
38-610	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	470
38-620	6	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U7G	..	470
38-623, 624	5	1-1C7G, 1-1D5GP, 1-1D5GT, 1-1H4G, 1-1J6G	..	470
38-630	6	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U7G	..	470
38-643	7	1-1C7G, 1-1D5GP. 1-1D5GT, 1-1E5GP, 2-1H4G, 1-1J6G	..	470
38-690	20	2-5X4G, 2-6A8G, 1-6B8G, 1-6F6G, 5-6J5G, 4-6K7G, 2-6L6G, 2-6N7G, 1-6U7G	..	470
38-2620, 2630	6	1-5Y4G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	470
38-2670	11	1-5X4G, 1-6A8G, 2-6F6G, 5-6K5G, 1-6K7G, 1-6U7G	..	470
39, 39A	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	460
39-6, 7, 17F, 17T	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
39-8, 18F, 18T	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	470
39-19F, 19T	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
39-25XF, 25T	5	1-6A8G, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
39-30T, 35XX, 36XX	6	1-6A8G, 1-37, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
39-40XX	8	1-5Y4G, 1-6A7, 1-6J5G, 1-6Q7G, 2-42, 2-78	..	470
39-45XX	9	1-5Y4G, 1-6A7, 2-6J5G, 1-6K5G, 2-42, 2-78	..	470
39-55RX	10	1-2A4G, 1-6J7G, 1-6J8G, 1-6Q7G, 1-6ZY5G, 2-42, 2-78, 1-80	..	470
39-70B, 70F, 75F, 75T	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	470
39-80, 80XF, 85B, 85XF	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	470
39-116PX	14	1-2A4G, 1-6A8G, 1-6J5G, 1-6J7G, 1-6K7G, 1-6Q7G, 1-6ZY5G, 1-30, 1-37, 2-42, 2-78, 1-80, 1-BKV51DJ Resistor	..	470
39-720T	6	1-6J8G, 1-41, 1-75, 2-78, 1-84/6Z4	..	470
39-744T, XX	7	1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G, 2-49	..	470
39-750T, XX	8	1-6J8G, 1-37, 2-42, 1-75, 2-78, 1-80	..	470
39-751T, XX	8	1-6J8G, 2-25L6G, 1-25Z5, 1-75, 1-76, 2-78, 1-BKU126D Resistor	..	470
40, 41, 42	6	3-24A, 1-27, 2-71A	..	TRF
40,74	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	470
40-81	4	1-1LA4, 1-1LA6, 1-1LH4, 1-1LN5	..	455
40-81-122	4	1-1A5G, 1-1A7G, 1-1H5G, 1-7N7G	..	455
40-88	5	1-1LA4, 1-1LA6, 1-1LH4, 2-1LN5	..	455
40-90, 95, 100, 105, 110	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
40-115, 120, 124, 125	6	1-7A8, 1-7B7, 1-7C6, 1-7C7, 1-35A5, 1-35Z3	..	455

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PHILCO RADIO & TELEVISION CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
40-130, 135, 140, 145	6	1-7A8, 1-7B5, 1-7B7, 1-7C6, 1-7C7, 1-7Y4	..	455
40-150	7	1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 2-41, 1-84/6Z4	..	455
40-155	8	1-7A6, 1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 2-41, 1-84/6Z4	..	455
40-160	6	1-7A8, 1-7B7, 1-7C6, 1-7C7, 1-41, 1-84/6Z4	..	455
40-165	6	1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 1-41, 1-84/6Z4	..	455
40-180	7	1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 2-41, 1-84/6Z4	..	455
40-185, 190	8	1-7B7, 2-7C6, 1-7G7/1232, 1-7J7, 2-41, 1-84/6Z4	..	455
40-195	10	1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 3-37, 2-42, 1-80	..	455
40-200	11	1-7A6, 1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 3-37, 2-42, 1-80	..	455
40-205: 510	12	1-2A4G, 1-6H6G, 1-6J7G, 1-6J8G, 1-6Q7G, 1-7C7, 1-30, 2-42, 2-78, 1-80	..	470
40-216: 516	14	1-2A4G, 1-6A8G, 1-6J5G, 2-6J7G, 1-6Q7G, 1-6ZY5G, 1-37, 2-42, 2-78, 2-80	..	470
40-501, 502	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	455
40-503	6	1-7A8, 1-7B5, 1-7B7, 1-7C6, 1-7C7, 1-7Y4	..	455
40-504	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	470
40-506	6	1-7A8, 1-7B5, 1-7B7, 1-7C6, 1-7C7, 1-7Y4	..	455
40-507	6	1-7B5, 1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 1-7Y4	..	455
40-508, 509	8	1-7A4, 1-7B7, 1-7C6, 1-7G7/1232, 1-7J7, 2-42, 1-80	..	455
41-81	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
41-83	5	1-1A7G, 1-1H5G, 2-1LA4, 1-1N5G	..	...
41-84-121, 41-85-122	5	1-1LA4, 1-1LA6, 1-1LH4, 1-1LN5, 1-117Z6G	..	...
41-84-122, 41-85-121	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-117Z6G	..	...
41-88	5	1-1LA4, 1-1LA6, 1-1LH4, 2-1LN5	..	...
41-90	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
41-95, 100, 105	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
41-110	6	2-1A5G, 1-1A7G 1-1H5G, 2-1N5G	..	...
41-220	6	1-7A8, 1-7B7, 1-7C6, 1-7C7, 1-35A5, 1-35Z3	..	...
41-221	6	2-7B7, 1-7C6, 1-35A5, 1-35Z3, 1-XXD	..	...
41-225	6	1-7A8, 1-7B7, 1-7C6, 1-7C7, 1-35A5, 1-35Z3	..	...
41-226	6	2-7B7, 1-7C6, 1-35A5, 1-35Z3, 1-XXD	..	...
41-230, 41-235, 41-240, 41-245	7	1-7B5, 2-7B7, 1-7C6, 1-7Y4, 2-XXL	..	...
41-250	8	1-7A6, 2-7B7, 2-41, 1-84/6Z4, 2-XXL	..	...
41-255	9	1-7A6, 2-7B7, 1-7C6, 2-41, 1-84/6Z4, 2-XXL	..	...
41-258	6	2-7B7, 1-7C6, 1-35Z3, 1-50L6GT, 1-XXD	..	...
41-260, 265	7	2-7B7, 1-7C6, 1-41, 1-84/6Z4, 2-XXL	..	...
41-280	8	2-7B7, 1-7C6, 2-41, 1-84/6Z4, 2-XXL	..	...
41-285, 287	9	1-7A6, 2-7B7, 1-7C6, 2-41, 1-84/6Z4, 2-XXL	..	...
41-290	10	1-7A6, 2-7B7, 1-7C6, 1-37, 2-41, 1-84/6Z4, 2-XXL	..	...
41-295	11	2-7B7, 1-7C6, 3-37, 2-42, 1-80, 2-XXL	..	...
41-300	12	1-7A6, 2-7B7, 1-7C6, 3-37, 2-42, 1-80, 2-XXL	..	...
41-316	15	1-2A4G, 1-6J5G, 1-6J7G, 1-6ZY5G, 2-7B7, 1-7C6, 1-30, 1-37, 2-42, 1-78, 1-80, 2-XXL	..	...
41-602	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	...

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PHILCO RADIO & TELEVISION CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
41-603, 604, 605, 607	6	2-7B7, 1-7C6, 1-35A5, 1-35Z3, 1-XXD	..	...
41-608, 609	9	1-7B5, 2-7B7, 1-7C6, 1-7C7, 2-41, 1-84/6Z4, 1-XXL	..	...
41-610, 611	10	1-7B5, 2-7B7, 1-7C6, 1-7C7, 1-37, 2-41, 1-84/6Z4, 1-XXL	..	...
41-616	16	1-2A4G, 1-6J5G, 1-6J7G, 1-6ZY5G, 1-7B5, 2-7B7, 1-7C6, 1-7C7, 1-30, 1-37, 2-42, 1-78, 1-80, 1-XXL	..	...
41-695	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
43, 43B	8	2-37, 4-39/44, 1-42, 1-80	..	460
44	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
45	6	1-6A7, 2-39/44, 1-42, 1-75, 1-80	..	460
46, 46E DC	7	3-14, 1-17, 2-71A, 1-2	..	TRF
47, 47B	8	1-36, 3-37, 2-39/44, 2-43	..	260
48	5	2-36, 1-39/44, 1-43, 1-9	..	175
49	7	1-6A7, 2-43, 1-76, 2-78, 1-85	..	260
50	5	3-24A, 1-47, 1-80	..	TRF
51, 52	5	2-24A, 1-35/51, 1-47, 1-80	..	175
53 AC-DC	4	1-12Z3, 1-43, 2-77	..	460
54	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	460
57, 58, 59	4	1-42, 2-77, 1-80	..	460
60	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
65	6	2-24A, 1-27, 2-45, 1-80	..	TRF
66	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
70, 70A, 70E	7	4-24A, 1-27, 1-47, 1-80	..	260
70, 70A, No. B-22,000 70 Above No. 22,000	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	260
71B	7	1-36, 1-37, 3-39/44, 1-42, 1-80	..	260
71 Baby Grand	7	1-36, 1-37, 1-80, 4-Pentodes	..	260
76, 77, 77A	7	3-24A, 1-27, 2-45, 1-80	..	TRF
80	4	2-36, 1-42, 1-80	..	460
81, 84	4	1-42, 2-77, 1-80	..	460
82, 86	8	4-26, 1-27, 2-71A, 1-80	..	TRF
87	8	4-26, 1-27, 2-45, 1-80	..	TRF
89	6	1-36, 2-39/44, 1-42, 1-75, 1-80	..	260
89 (123)	6	2-39/44, 1-42, 1-75, 1-77, 1-80	..	260
90	9	4-24A, 2-27, 2-45, 1-80	..	175
90 Above 237,001	9	3-24A, 4-27, 1-47, 1-80	..	260
90 Above 353,100	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
91	9	1-36, 3-37, 2-39/44, 2-42, 1-80	..	260
91B	10	1-36, 4-37, 2-39/44, 2-42, 1-80	..	260
95, 96, 96A, 96E	9	3-24A, 3-27, 2-45, 1-80	..	TRF
97	7	1-6A7, 2-42, 2-78, 1-80, 1-85	..	460
111, 111A, 112, 112A, 112E, 112X	11	4-24A, 4-27, 2-45, 1-80	..	175
112 Above 174,001	11	4-24A, 4-27, 2-47, 1-80	..	175
116 (121)	11	1-37, 3-42, 1-76, 2-77, 3-78, 1-80	..	460
116 (122, 151)	11	1-5Z3, 2-6A3, 1-37, 1-42, 1-76, 2-77, 3-78	..	460
118	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	260
144	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
200	10	1-5Z3, 1-6A7, 1-37, 3-42, 1-75, 3-78	..	175
201	10	1-5Z3, 1-6A7, 1-37, 3-42, 1-75, 3-78	..	260
210	10	1-5Z3, 1-6A7, 1-37, 3-42, 1-75, 3-78	..	...
211, 211A	11	4-24A, 4-27, 2-45, 1-80	..	175
212, 212A	11	4-24A, 4-27, 2-45, 1-80	..	175
220, 220A	7	3-24A, 1-27, 2-71A, 1-80	..	...
270, 270A	7	4-24A, 1-27, 1-47, 1-80	..	260
296, 296A, 296E	9	3-24A, 3-27, 2-45, 1-80	..	TRF
370	7	4-24A, 1-27, 1-47, 1-80	..	...
470	9	5-24A, 2-27, 1-47, 1-80	..	260
490	11	4-24A, 5-27, 1-47, 1-80	..	BC 175 SW 1000
500, 501	11	1-5Z3, 1-37, 3-42, 1-76, 2-77, 3-78	..	460

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PHILCO RADIO & TELEVISION CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
503	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	260
504	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
505	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
506	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
507	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	260
509	10	1-5Z3, 1-6A7, 1-37, 3-42, 1-75, 3-78	..	...
511, 512, 513, 514, 515	7	4-26, 1-27, 1-71A, 1-80	..	TRF
531, 551	5	2-24A, 1-35/51, 1-47, 1-80	..	...
570 Below B-22,000	7	4-24A, 1-27, 1-47, 1-80	..	260
600	4	1-6A7, 1-41, 1-77, 1-80	..	460
602, 604	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	470
610, 610B, 610F	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	460
611, 611 (121)	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	460
620, 620 (121)	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
623	6	1-1A4T, 1-1C6, 1-19, 2-30, 1-32	..	460
623A	7	1-1A4T, 1-1C6, 1-19, 2-30, 1-32, 1-6	..	460
624	6	1-1A4T, 1-1C6, 1-19, 2-30, 1-32	..	460
625, 630, 635	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	460
640	7	1-6A7, 2-42, 2-78, 1-80, 1-85	..	460
641	7	1-6A7, 2-43, 1-76, 2-78, 1-85	..	460
642	7	1-6A7, 1-6F7, 2-48, 1-76, 1-78, 1-85	..	460
643	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
643A	8	1-1C1, 1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
645	7	1-6A7, 2-42, 2-78, 1-80, 1-85	..	460
650	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	460
651	8	1-6A7, 1-25Z5, 2-43, 1-76, 2-78, 1-85	..	460
655	8	1-6A7, 3-42, 1-75, 2-78, 1-80	..	460
660, 665	10	3-42, 1-75, 1-76, 1-77, 3-78, 1-80	..	460
680	15	1-5Z3, 2-6A3, 1-6B7, 1-6F7, 1-42, 1-76, 4-78, 1-80, 3-85	..	460
700 Auto	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
800, 802 Auto	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
805 Auto	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	260
806 Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
808 Auto	7	1-6A6, 1-6A7, 1-75, 1-76, 1-77, 1-78, 1-84/6Z4	..	260
809 Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
810PA, 810PB	7	1-6A7, 1-41, 2-75, 2-78, 1-84/6Z4	..	...
810PV	7	1-6A7, 1-41, 2-75, 2-78, 1-84/6Z4	..	260
816, 816B, 817, 818, 818K	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
819, 819H Auto	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	260
826, 827, 827K	6	1-6A7, 1-41, 1-75, 2-78 1-84/6Z4	..	260
828, 828K	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	260
1412, 1415, 1416, 1417, 1418, 1419, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1440, 1442, 1450, 1452	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
1420, 1421, 1424, 1425, 1426, 1427, 1439	7	1-6A7, 1-37, 1-75, 2-78, 1-79, 1-84/6Z4	..	260
1423	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	260
Philco Auto Sets:				
920	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	260
921, 922	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	470
926	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
927, 928K	7	1-6A7, 2-41, 1-75, 2-78, 1-84/6Z4	..	260
931	6	1-7A5, 1-7A8, 1-7C6, 2-7B7, 1-7Y4	..	...
933	6	2-7A7, 1-7B5, 1-7B6, 1-7B8, 1-7Y4	..	...
936, 937	6	1-6A7, 2-7A7, 1-7Y4, 1-41, 1-75	..	470
938K	7	1-6A7, 1-6Y7G, 1-7A4, 2-7A7, 1-7Y4, 1-75	..	470
Philco Custom Built Auto Sets:				
C1606	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	...

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PHILCO RADIO & TELEVISION CORPORATION—Continued				
C1608	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	...
C1708	6	2-7A7, 1-7B5, 1-7B6, 1-7B8, 1-7Y4	55	455
C1808	8	1-7A4, 2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	44	455
F1640	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	...
F1740, 1840	6	2-7A7, 1-7B6, 1-7B8, 1-7C5, 1-7Y4	44	455
G1628	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	...
L1660	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	...
L1760, 1761	7	2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	44	455
P1617	6	1-6A7, 2-7A7, 1-7Y4, 1-41, 1-75	..	...
P1630	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	...
P1635	7	1-6A7, 1-6C6, 1-6Y7G, 1-75, 2-78, 1-84/6Z4	..	...
P1835	8	1-7A4, 2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	44	270
P1836	8	1-7A4, 2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	55	455
S1722	6	1-7A5, 1-7A7, 1-7B6, 1-7B8, 1-78, 1-84/6Z4	55	470
S1724, 1726, 1824	6	1-7A5, 2-7A7, 1-7B6, 1-7B8, 1-7Y4	44	455
S1825	6	1-7A5, 2-7A7, 1-7B6, 1-7B8, 1-7Y4	44	270
S1826	8	1-7A4, 2-7A7, 1-7B6, 1-7B8, 2-7C5, 1-7Y4	44	270
PHILMORE MANUFACTURING COMPANY				
"PHILMORE"				
PD	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75	..	Super
PG (All Wave)	6	1-6A7, 1-6B5, 1-6D6, 1-6F5, 1-6H6, 1-80	..	Super
PN (All Wave)	10	1-6A8, 2-6B5, 1-6D6, 1-6K7, 1-6U5/6G5, 1-75, 2-76, 1-80	..	Super
PZ	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
PIERCE ARROW MOTORS CORPORATION				
ME	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
MT3	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
PILOT RADIO CORPORATION				
"PILOT"				
A6	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	456
ABC Pack	1	1-80	..	...
B2	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	...
Early Models	5	1-25Z5, 1-43, 2-77, 1-78	..	...
BX203	5	1-6A7, 1-6D6, 1-25L6, 1-25Z6, 1-75	..	456
C151, 162	7	1-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
C153, 154	10	3-27, 4-35/51, 2-47, 1-80	..	175
C189, 190	10	3-27, 5-36, 2-38	..	...
C193	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
C293	11	1-6A8, 1-6E5, 2-6K7, 1-6R7, 4-25L6, 2-25Z6	..	456
CG56, 5206	5	1-6A7, 2-6D6, 1-41, 1-75	..	456
CX23	8	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25L6, 1-25Z6G, 1-Ballast	..	456
CX304	11	1-6A8, 1-6E5, 2-6K7, 1-6R7, 4-25L6, 2-25Z6	..	456
D3, D3 AC-DC	5	1-25Z5, 1-43, 2-77, 1-78	..	456
Duo	4	1-36, 1-38, 1-39/44, 1-HG50	..	TRF
F14 DC	6	1-37, 2-48, 1-77, 1-78, 1-85	..	456
FM12	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44, 47	455
G350	5	1-6A7, 1-6D6, 1-25L6, 1-25Z6, 1-75	..	455
H393, P393, PH393	7	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	456
K110	4	2-01A, 1-12A, 1-22	..	TRF
K115	4	1-24A, 3-27	..	TRF
K121, 121X	6	2-01A, 2-12A, 2-24A	..	...
K122	6	2-24A, 2-27, 2-71A	..	...
K126, 128	7	3-24A, 1-27, 2-45, 1-80	..	...
K136	6	2-24A, 1-27, 2-45, 1-80	..	TRF
K139	8	1-2A5, 1-2A6, 1-5Z3, 1-56, 2-57, 2-58	..	115
Midget AC, S-157	6	3-24A, 1-27, 1-45, 1-80	..	TRF

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PILOT RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
Midget DC, S-156, 158	6	4-01A, 2-71A	..	TRF
Pilotone	6	5-26, 1-27	..	...
Public Address	7	3-27, 2-50, 2-81	..	...
PX23	7	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25L6, 1-25Z6G, 1-Plug-in Resistor	..	456
PX304	11	1-6A8, 1-6E5, 2-6K7, 1-6R7, 4-25L6, 2-25Z6	..	456
RG184	8	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25L6, 1-25Z6G, 1-Ballast	..	456
S148, 164	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
S149, 150, 152, 163, 165, C150	7	3-36, 2-37, 2-38	..	...
S167	4	1-24A, 2-35/51, 1-80	..	TRF
S167, 194, 525	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
S168, 169, 195, C526	5	2-36, 1-37, 2-38	..	TRF
T91	5	1-6G6G, 1-6ZY5G, 1-7A8, 1-7B7, 1-7C6	47	455
T101	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z4GT, 1-50L6GT	51	455
T102	6	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7	51	455
T121	7	1-6AB5/6N5, 1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z4GT, 1-50L6GT	51	455
T122	7	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
T170	11	3-24A, 3-27, 2-35/51, 1-47, 2-80	..	...
T177, 178	10	5-36, 3-37, 2-38	..	...
T1021	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
T1151	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
T1151	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	47	455
T1160	5	1-6K8, 1-6SK7, 1-6SQ7, 1-25L6G, 1-25Z6G	44	455
T1250	5	1-6SA7, 1-6SK7, 1-25L6G, 1-25Z6G	47	455
T1351	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5G, 1-117Z6G	..	455
T1360	10	1-6U5/6G5, 1-12SA7, 1-12SJ7, 2-12SK7, 1-12SQ7, 2-35L6GT, 2-35Z4GT	51	455
T1424	12	1-6SA7, 2-6SK7, 2-6SQ7, 1-6U5/6G5, 4-25L6G, 2-25Z6G	44, 47	455
T1451, 1452	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G, 1-117Z6G	47	455
T1524	10	1-5U4G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SK7, 1-6U5/6G5, 2-6V6G	44, 47	455
T1560	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
T1580, 1680	8	1-6AB5/6N5, 1-6R7G, 1-6SA7, 1-6SK7, 2-25L6G, 2-50Z7G	51	455
T1660	7	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	47	455
T1850	5	1-5Y3G, 1-6F6G, 1-6K8, 1-6SK7, 1-6SQ7	44	455
TG44	4	1-1C7G, 1-1D5G, 1-1F5G, 1-1H6G	..	455
TG56	5	1-6A7, 2-6D6, 1-41, 1-75	..	456
TG162	5	1-6A7, 1-6D6, 1-26L6, 1-25Z5, 1-75	..	456
TG184	8	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25L6, 1-25Z6G, 1-Ballast	..	455
TG462	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-Plug-in Resistor	..	455
TG508	10	1-5U4G, 1-6B8, 1-6E5, 1-6J7, 2-6K7, 1-6L7, 1-6Q7, 2-6V6G	..	455
TG528	12	2-5Z3, 1-6E5, 1-6H6, 1-6J7, 2-6K7, 2-6L6, 2-6L7, 1-6Q7	..	455
TG584	8	1-5Y3G, 1-6A8G, 1-6E5, 1-6H6G, 1-6K7G, 1-6Q7G, 2-6V6G	..	456
TG674	7	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PILOT RADIO CORPORATION—Continued				
TG752	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
TG852	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	455
TG5206	5	1-6A7, 2-6D6, 1-41, 1-75	..	455
TH372	6	1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z6G, 1-Plug-in Resistor	..	455
TH454	5	1-6K7, 1-6K8, 1-6Q7G, 1-25L6G, 1-25Z6G	..	455
TH474	6	1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z6G, 1-Plug-in Resistor	..	455
TH484	7	2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5, 1-25L6G, 1-25Z6G, 1-Plug-in Resistor	..	455
TH554	5	1-5Y3G, 1-6F6G, 1-6K7, 1-6K8, 1-6Q7G	..	455
TH594, 597	9	1-5Y3G, 1-6F6G, 1-6H6G, 1-6J7, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	455
TH651	5	1-5Y3G, 1-6A8, 1-6F6G, 1-6K7, 1-6Q7	..	455
TH664, 762	6	1-5Y3G, 1-6F6G, 1-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	455
TH874	7	1-5Y3G, 1-6F6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	455
TP423	7	1-6A8, 2-6K7, 1-6Q7, 1-25L6, 1-25Z6G, 1-Ballast	..	456
TP1062, X1252	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
V191	4	2-24A, 1-27, 1-80	..	Conv.
V192	4	2-36, 1-37, 1-80	..	TRF
WG352, WX201, 203; VG352, VX201, 203	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75	..	456
X23	8	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25L6, 1-25Z6G, 1-Ballast	..	456
X41, 43	4	1-6A7, 1-6F7, 1-42, 1-80	..	456
X63, 65, CY63	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
X68, 69	6	1-6A7, 2-6D6, 2-43, 1-75	..	456
X73, 75	7	1-1B5/25S, 1-1C6, 1-19, 1-30, 3-34	..	456
X114, PX114	11	1-5Z3, 1-6A7, 1-6C6, 3-6D6, 2-42, 2-76, 1-85	..	456
X304	11	1-6A8, 1-6E5, 2-6K7, 1-6R7, 4-25L6, 2-25Z6	..	456
X1451, 1452, 1453	7	1-1A7GT, 1-1H5GT, 2-1N5GT, 2-1Q5GT, 1-117Z6GT	47	262
X1580	8	1-6U5/6G5, 1-12SA7, 1-12SK7, 1-12SQ7, 2-35Z4GT, 2-50L6GT	51	455
XG56	4	1-6A7, 1-6D6, 1-41, 1-75	..	455
10, 13, 35, 39	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	115
11, 15, 37, 41	7	2-36, 1-37, 3-38, 1-39/44	..	115
11 DC	7	2-36, 2-37, 2-39/44, 1-43	..	...
12 AC Super	6	1-55, 1-56, 1-57, 1-58, 1-59, 1-82	..	115
20	8	1-36, 2-37, 2-39/44, 2-48, 1-85	..	115
23, 25	6	1-6A8, 2-6K7, 1-6Q7, 1-25A6, 1-25Z6	..	456
28	8	2-37, 2-48, 1-77, 2-78, 1-85	..	115
39 Series	7	1-47, 1-56, 2-57, 2-58, 1-80	..	...
41, 43, 45	4	1-6A7, 1-6F7, 1-42, 1-80	..	456
43	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
44	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z4GT, 1-50L6GT	51	455
47	6	1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-25L6G, 1-25Z6G	51	455
48	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
53, 55	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	115
63	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
71	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-25Z6GT	47	455
73, 75	7	1-1A6, 1-1C6, 1-19, 1-30, 3-34	..	456
81	4	1-2A5, 1-5Z3, 2-37	..	482
93	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	115
103, 105	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
123, 125	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456

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RADIO TUBE COMPLEMENTS

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PILOT RADIO CORPORATION—Continued				
140	6	4-24A, 1-27, 1-45	..	...
183, 185, C183	5	1-5Z4, 1-6A8, 1-6H6, 1-6J7, 1-6K7	..	456
191	12	1-6AB5/6N5, 1-6SA7, 2-6SK7, 2-6SQ7, 4-25L6G, 2-25Z6G	51	455
193, 195	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	455
203, 205 Early	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-76	..	456
203, 205 Late	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	...
213, 215, 253, 255	5	1-6A7, 2-6D6, 1-41, 1-75	..	456
293, C293, 294, 393	7	1-5W4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6U5/6G5	..	456
304, C304	11	1-6A8, 1-6E5, 2-6K7, 1-6R7, 4-25A6, 2-25Z6	..	456
364, 365	12	1-5Z4, 2-6C5, 1-6E5, 2-6F6, 2-6J7, 3-6K7, 1-6L7	..	455
423, 425	7	1-6A8G, 2-6K7, 1-6Q7, 1-25L6, 1-25Z6G, 1-Ballast	..	456
623, 625	7	1-6A8, 2-6K7, 1-6Q7, 1-6U5/6G5, 1-25A6, 1-25Z6	..	456
2253, 2255	5	1-6A7, 2-6D6, 1-41, 1-75	..	456
7639	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	115
7641R	7	2-36, 1-37, 3-38, 1-39/44	..	...
9255	5	1-47, 1-57, 2-58, 1-80	..	TRF
9257R	5	1-36, 2-38, 2-39/44	..	TRF
1010	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	...
PIONEER PRODUCTS CORPORATION				
T-33-M	6	2-30, 1-33, 3-34	..	...
S-33-M	7	3-30, 1-32, 1-33, 2-34	..	Super
PLAZA MUSIC COMPANY				
6 Super	6	1-47, 1-56, 1-57, 3-58, 1-80	..	Super
52	6	2-24A, 2-35/51, 1-47, 1-80	..	Super
59	5	1-47, 1-57, 2-58, 1-80	..	TRF
61	5	1-47, 2-57, 1-58, 1-80	..	Super
90	6	1-24A, 3-35/51, 1-47, 1-80	..	TRF
PLYMOUTH, DIVISION OF CHRYSLER CORPORATION				
"PLYMOUTH"—Philco Receivers				
G, Plymouth Codes PE, PF	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	260
G (122) Plymouth Codes PE, PF	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
Plymouth PJ	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
PONTIAC MOTOR COMPANY				
"PONTIAC"				
Air Chief 544268 Above 1,791,090 Below 2,000,000	6	1-6A7, 1-6F5, 2-41, 1-78, 1-85	..	262
Air Chief 544290-91 Above 0,300,000 Below 1,500,000	5	1-6A7, 1-6B7, 1-6F7, 2-41	..	172
Air Chief 544290-91 Above 500,000 Below 600,000	5	1-6A7, 1-6B7, 1-6F7, 2-42	..	262
Air Mate 544267 Above 1,971,090 Below 2,000,000	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
Air Mate 544389 Above 0,300,000 Below 0,500,000	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	172
Air Mate 544289 Above 1,791,090 Below 2,000,000	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	262
DeLuxe 983506	6	1-6A7, 2-6D6, 1-6E6, 1-76, 1-85	..	262

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
PONTIAC MOTOR COMPANY—Continued				
DeLuxe 983526	6	1-6A8G, 1-6J5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-6X5G	..	262
Master 983507	5	1-6A7, 2-6D6, 1-42, 1-75	..	262
Master 983527	6	1-6A8G, 1-6F6G, 1-6Q7G, 2-6U7G, 1-6X5G	..	262
Master 983534	6	1-6A8G, 2-6K7G, 1-6N6G, 1-6Q7G, 1-6X5G	..	262
PORT-O-MATIC CORPORATION				
"PORT-O-MATIC"				
BE27	7	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT, 1-50L6GT	NE7	456
USW17	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G, 1-G-1584 Resistor	40A	456
8P	7	1-6A8G, 1-6E5, 1-6K7, 1-6Q7, 1-25L6, 2-25Z6, 1-BK23B Resistor	40	465
18P, 80	7	1-6A8G, 1-6E5, 1-6K7, 1-6Q7, 1-25L6, 2-25Z6, 1-BK23B Resistor	47	456
50, 52, 90	3	1-6F5, 1-25L6, 1-25Z6G, 1-115:41 Resistor	40A	...
81, 210, 212, 250, 350	7	1-6E5, 1-6K7GT, 1-6SA7GT, 1-6SQ7GT, 1-25L6, 2-25Z6, 1-115:77 Resistor	47	456
100, 101	6	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6, 2-25Z6, 1-BK23B Resistor	40	465
110, 112	7	1-6A8G, 1-6E5, 1-6K7, 1-6Q7G, 1-25L6, 2-25Z6, 1-BK23 B Resistor	40	465
119	5	1-6C8G, 2-25L6, 2-25Z6	C7	...
120	5	1-6C8G, 2-25L6G, 2-25Z6G, 1-BK23B Resistor	..	...
600	15	1-6C5, 3-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5, 4-25L6, 4-25Z6	C7	465
RADIART CORPORATION				
"RADIART"				
41-A	4	1-47, 1-57, 1-58, 1-80	..	TRF
52-A	5	1-47, 1-55, 1-57, 1-58, 1-80	..	TRF
RADIOBAR COMPANY OF AMERICA				
"RADIOBAR"				
(PHILCO Receivers used, refer to PHILCO LISTING—Page 178)				
RADIO CHASSIS, Inc.				
"RCI"				
A-5-D	5	1-25Z5, 1-43, 1-77, 2-78	..	TRF
A-6-D	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	175
AC-25	5	1-47, 1-56, 1-57, 1-58, 1-80	..	TRF
AC-35	5	1-47, 1-57, 2-58, 1-80	..	TRF
AC-36	6	1-47, 1-56, 1-57, 2-58, 1-80	..	175
AU-6	6	3-36, 1-37, 2-38	..	TRF
Auto Receiver	5	1-6A7, 1-41, 1-75, 2-78	..	175
CH-38	9	3-47, 2-56, 3-58, 1-80	..	Super
DC-25	5	1-01A, 2-36, 2-71A	..	TRF
FVA-35	5	1-47, 1-57, 2-58, 1-80	..	TRF
FVD-36 (DC)	6	1-01A, 3-36, 2-71A	..	TRF
Hoar-48	8	1-24A, 1-27, 2-35/51, 2-41, 1-58, 1-80	..	TRF
L-5-D	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	456
L-6-D	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	115
L-6-W	6	1-2A6, 1-2A7, 1-47, 2-58, 1-80	..	125
LSA-36	6	1-47, 1-56, 1-57, 2-58, 1-80	..	175
LSA-37	7	1-47, 2-56, 3-58, 1-80	..	175
QAC-35	5	1-47, 1-57, 2-58, 1-80	..	TRF
QAC-36	6	1-47, 1-56, 1-57, 2-58, 1-80	..	175
SDC-36	6	1-36, 1-37, 2-39/44, 2-48	..	TRF
SMA-24	4	1-47, 1-57, 1-58, 1-80	..	TRF
SMA-25	5	1-47, 1-56, 1-57, 1-58, 1-80	..	TRF
SUA-36	6	1-47, 1-56, 1-57, 2-58, 1-80	..	Super
V6	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
8-T-Super	8	2-47, 1-55, 1-56, 3-58, 1-80	..	Super

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADIO CIRCULAR COMPANY				
AW (Batt)	5	1-1C6, 2-30, 1-33, 1-34	..	456
AW (AC)	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
AW (AC-DC)	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
V	4	1-25Z5, 1-39/44, 1-43, 1-77	..	TRF
W	8	1-6A7, 2-6D6, 2-42, 1-75, 1-76, 1-80	..	456
817	8	1-6A7, 2-6D6, 3-42, 1-75, 1-80	..	456
RADIO ENGINEERING LABORATORIES, Inc.				
260-S	4	2-27, 2-35/51	..	TRF
273	2	2-30	..	Reg.
278	3	2-36, 1-38	..	TRF
	3	1-01A, 1-12A, 1-22	..	TRF
"RADIOKEG"				
(See CLAGO RADIO CORPORATION—Page 62)				
RADIO MANUFACTURERS CORPORATION				
116-901	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	Super
117-801	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
160	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
208	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
222	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
244-900	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	Super
265	5	2-24A, 1-35/51, 1-47, 1-80	..	Super
RADIO MANUFACTURERS ENGINEERS, Inc.				
"RME"				
DB20	3	2-6K7, 1-80	40	R-F Amp.
DM30X, 30XA	4	1-6AC7/1852, 1-6J5, 1-6SJ7, 1-80	40	1550
DM36	4	1-6AC7/1852, 1-6J5, 1-6SJ7, 1-80	40	10 or 7 Mc.
DM36A	3	1-6AC7/1852, 1-6J5, 1-6SJ7	40	1550
HF10	11	1-6AC7/1852, 1-6F6, 1-6H6, 2-6J5, 1-6J7, 1-6SJ7, 2-6SK7, 1-6Z7G, 1-80	40	1550
LF90	2	1-6K8, 1-6ZY5G	..	1550
ME14	6	1-1A5G, 1-1A7G, 1-1H5G, 3-1N5G	..	525
ME14AM	6	1-1A7G, 1-1D8GT, 4-1N5G	..	525
RME9D	9	1-2A5, 1-2B7, 1-57, 5-58, 1-80	40	465
RME69	9	1-6B7, 1-6C6, 5-6D6, 1-42, 1-80	40	465
RME69LS1	11	1-6B7, 1-6C6, 3-6D6, 1-6H6, 1-6J7, 1-6K7, 1-6L7, 1-42, 1-80	40	465
RME70	11	1-6A6, 1-6F6, 1-6H6, 1-6J7G, 1-6K7, 5-6K7G, 1-80	40	465
RME99	12	2-7A4, 1-7A6, 4-7A7, 1-7B8, 1-7C5, 1-7F7, 1-80, 1-VR150	47	465
XC1	1	1-6K7	..	Freq. Conv.
OA1	1	1-6K7	..	465
9D	9	1-2A5, 1-2B7, 1-57, 5-58, 1-80	41	465
69	9	1-6B7, 1-6C6, 5-6D6, 1-42, 1-80	40	465
69LSI	10	1-6B7, 1-6C6, 3-6D6, 1-6H6, 1-6K7, 1-6L7, 1-42, 1-80	40	465
70	11	1-6A6, 1-6F6, 1-6H6, 1-6J7G, 1-6K7, 5-6K7G, 1-80	40	465
510X	4	1-6J5, 1-6K7, 1-6L7, 1-80	40	10 Mc.
RADIO PRODUCTS CORPORATION				
A-10	4	1-6D6, 1-12Z3, 1-38, 1-76	..	TRF
A15	4	1-6D6, 1-25Z5, 1-43, 1-76	..	TRF
A16, A-20	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
A31, A126, A128	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
A346	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
AM357, AM387	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
AM458, AM488	12	2-5W4, 1-6A8, 1-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	..	456
AM557, AM587	7	1-1C6, 1-19, 3-30, 2-34	..	456
AM658, AM688	10	2-5W4, 1-6A8, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADIO PRODUCTS CORPORATION—Continued				
AM757, AM786, AM787	11	1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	456
AM859, AM889	19	2-5W4, 1-6A8, 1-6C5, 1-6D6, 1-6H6, 4-6K7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-83V, 1-85	..	456
AZ282	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
AZ393	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
AZ482, AZ593, AZ594	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
BA41	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
B125, B127, B129	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
B225, B227	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49B Resistor	..	456
B325, B327	4	1-1B5/25S, 1-1C6, 1-1F4, 1-34	..	456
CL583	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
CL684	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
CL783	7	1-1C6, 1-19, 3-30, 2-34	..	456
L266	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
L477	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
L567	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
L668	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
L767	7	1-1C6, 1-19, 3-30, 2-34	..	456
M169	6	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	..	456
M351	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
M551	7	1-1C6, 1-19, 3-30, 2-34	..	456
ML156, ML215A, ML266, ML366	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
ML477, ML481	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
MX210, MX218, MX238, MX239, MX241	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
U6, U6B	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	..	175
X140, X141, X423	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
X541	6	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75	..	456
X641, X718	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
X813	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
Z242	6	1-6A7, 1-6D6, 1-6F6, 1-6H6, 1-42, 1-80	..	456
Z344	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
Z442, Z443, Z444, Z545	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
66	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
77, 78	7	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-84/6Z4	..	175
88	8	1-0Z4, 1-6A7, 1-6C5, 1-6B6, 1-6K7, 1-6R7, 2-6V6G	..	175
100C	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	456
132, 150, 155, 171	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
137X, 150X, 155X, 171X	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
190	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	456
1907, 1939, 1957	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
1954X	6	1-6A7, 1-6C5, 1-6K7, 1-42, 1-75, 1-80	..	456
7169	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
RADIO PRODUCTS SALES COMPANY				
"CLIPPER"				
40	4	1-6D6, 1-42, 1-76, 1-80	..	TRF
60 (1938)	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	450
60	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	450
70	4	1-6D6, 1-42, 1-76, 1-80	..	TRF
78	5	1-6A7, 1-6K7, 1-42, 1-76, 1-80	..	450
140	4	1-6D6, 1-42, 1-76, 1-80	..	TRF

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADIO RECEPTOR COMPANY				
PX-245	3	1-26, 1-45, 1-80	..	Amp.
PXP-245	4	1-26, 2-45, 1-80	..	Amp.
PYP-245	5	2-27, 2-45, 1-80	..	Amp.
PYP-250	6	2-27, 2-50, 2-81	..	Amp.
RR-6	5	2-24A, 2-27, 1-80	..	Amp.
RADIOTROPE				
G	8	3-24A, 2-27, 2-45, 1-80	..	TRF
R, S-2	8	3-24A, 2-27, 2-45, 1-80	..	TRF
27-R	5	2-24A, 1-27, 1-45, 1-80	..	TRF
62, 64	7	3-24A, 1-27, 2-45, 1-80	..	TRF
70-R	10	4-27, 3-35/51, 2-47, 1-80	..	262
71-R, 72-R, 73-R	8	3-27, 3-35/51, 1-47, 1-80	..	262
74-R 1st	5	3-24A, 1-45, 1-80	..	TRF
74-R 2nd	5	3-24A, 1-47, 1-80	..	TRF
RADOLEK COMPANY				
A17490, 17491	4	1-6A8, 1-6J7, 1-25L6G, 1-25Z6G, 1-62A Resistor	..	465
A17500, 17501, 17502, 17503	4	1-6A7, 1-6C6, 1-25L6G, 1-25Z5, 1-L49B Resistor	..	TRF
A17504	7	1-6A7, 1-6D6, 1-6F5, 1-6U5/6G5, 1-42, 1-76, 1-80	..	465
A17555, 17556	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
A17557, 17558, 17559, 17560	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
A17568, 17569	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
A17570	11	1-5Z3, 1-6A8G, 4-6J5G, 2-6J6G, 1-6J7G, 2-6K7G	..	456
A17571	16	2-1V, 1-6F8G, 2-6H6G, 3-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
A17573, 17574	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
A17575, 17576	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
A17578, 17579	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	..	456
A17580	16	2-5Z3, 1-6F8G, 2-6H6G, 3-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
A17581	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	..	456
A17582 17583	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	456
A17584, 17586	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor	..	TRF
A17585, 17587	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
A17588	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
A17589	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	..	456
A17590, 17591, 17592, 17593	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	..	456
A17594, 17595	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	TRF
A17596	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
17599	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6X5G	..	456
A17650, 17651	7	1-0Z4G, 1-6A8G, 1-6J5G, 2-6K7G, 1-6N7G, 1-6R7G	..	262
A17652, 17653	6	1-0Z4G, 1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G	..	262
A17654, 17655	6	1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
A17656	6	1-0Z4G, 1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G	..	262
A18000	15	4-6H6, 1-6J5, 3-6J7, 1-6K6, 2-6K7, 4-6L7, 4-1851 Resistors	..	455
A18001	21	2-5Z3, 2-6A3, 4-6H6, 3-6J5, 3-6J7, 1-6K6, 2-6K7, 4-6L7, 4-1851 Resistors	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADOLEK COMPANY—Continued				
A18003, 18004	9	1-6F6G, 1-6J5G, 1-6J7, 3-6K7, 1-6L7, 1-6Q7G, 1-80	..	455
A18006, 18007	11	1-5Z3, 1-6J5, 2-6J7, 3-6K7, 1-6L7, 1-6R7, 2-6V6G	..	465
A18009	8	1-6F6, 2-6J5, 2-6K7, 1-6L7, 1-6Q7, 1-80	..	455
A18010	5	2-6K8, 1-6P7G, 1-6Q7, 1-80	..	455
A18011	7	1-6F6, 1-6H6, 1-6J5, 1-6L7, 1-6P7G, 1-6Q7G, 1-80, 1-1851 Resistor	..	1600
A18015	12	2-6J5G, 2-6J7G, 3-6K7, 1-6L7, 1-6Q7, 2-6V6G, 1-80	..	465/1560
A18017	6	1-5W4, 1-6C5, 1-6J8G, 1-6K7, 1-6Q7G, 1-41	..	465
A18018	9	2-6J7G, 1-6J8G, 3-6K7, 1-6Q7G, 1-6V6G, 1-80	..	465
A18020	12	1-5Z3, 1-6H6, 1-6J5, 1-6J7, 4-6K7, 1-6L7, 1-6R7, 2-6V6G	..	465
BF10150	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	262
BF10153	5	1-6A7, 1-6C6, 1-41, 1-75, 1-84/6Z4	..	456
BF10926	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
BF10927	6	1-6C6, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	465
BF10928, 10929, 10930	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
BF10931	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
BF10934, 10935, 10936	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
BF10937, 10938	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
BF10939	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
BF10940, 10941, 10942	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	..	456
BF10943, 10944, 10946	6	1-6A7, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
BJ10151	4	1-6A7, 1-6D6, 1-41, 1-75	..	262
BJ10160	6	1-6A7, 1-6D6, 1-6F5, 1-6K7, 1-75, 1-84/6Z4	..	175
BJ10925	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50A2 Resistor	..	TRF
BJ10926	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	175
BJ10931	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
BJ10932	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
BJ10933	6	1-6C6, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
BJ10935, 10936	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
BJ10940, 10941, 10942	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
BJ10943, 10944, 10946	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
BJ10950, 10951, 10952	7	1-1C6, 1-19, 3-30, 2-34	..	456
BJ10953, 10954, 10955	8	1-5Z4, 1-6C6, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
BJ10956	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7, 1-6Q7	..	456
BJ10965	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
BJ10966	8	3-6A7, 2-6B5, 1-75, 1-76, 1-80	..	175
BJ11913	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
BJ11924, 11925, 11926	9	1-5Z4, 1-6A6, 1-6A8, 1-6C6, 2-6F6, 3-6K7	..	465
F10167	5	1-6A7, 1-6B7, 1-6F7, 1-41, 1-84/6Z4	..	172.5
F10168	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	..	172.5
F10169	5	1-6A7, 1-42, 2-78, 1-85	..	172.5
JB10947, 10948	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
K16720	7	1-6A7, 1-6B5, 1-6D6, 1-6E5, 1-6F5, 1-6H6, 1-80	..	456
K16723, 16724	10	1-6A7, 2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-75, 2-76, 1-80	..	456
K16726, 16727	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75	..	456
K16741, 16742	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
K16744, 16745	7	1-1C6, 1-19, 3-30, 2-34	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADOLEK COMPANY—Continued				
K16750	10	2-5W4, 1-6A8, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	..	456
K16752	17	1-5V4G, 2-5W4, 1-6A8, 1-6F7, 3-6K7, 1-6Q7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-85	..	456
K16754, 16755	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
K16757, 16758	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
K16770, 16771	8	1-6A7, 1-6C5, 1-6E5, 2-6F6, 1-6K7, 1-75, 1-80	..	465
K16773, 16774	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	465
K16775, 16776	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 3-6K7	..	465
K16779, 16780	8	1-6A7, 4-15, 1-19, 2-76	..	465
K16791	7	1-6A7, 1-6D6, 1-6E5, 1-42, 1-75, 1-76, 1-80	..	465
K16835	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	262
K16836, 16837	6	1-6A7, 1-6B5, 1-6B7, 2-6D6, 1-84/6Z4	..	262
K16838	6	1-6A7, 2-6D6, 2-41, 1-85	..	262
K16839	6	1-6A7, 2-6D6, 2-6F6, 1-85	..	262
N16700	3	1-6C6, 1-6D6, 1-25A7, 1-K80B Resistor	..	TRF
N16702	5	1-1A4T, 1-6C6, 1-19, 1-30, 1-75	..	456
N16703, 16704	7	1-1C6, 1-19, 3-30, 2-34	..	456
N16729	4	1-6A7, 1-6C6, 1-25Z5, 1-43, 1-185R8 Resistor	..	456
N16730	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-185R8 Resistor	..	TRF
N16731	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-75, 1-140R8 Resistor	..	456
N16732, 16733, 16734	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5, 1-80	..	456
N16735, 16736, 16737	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	456
N16738, 16739	11	1-6A8, 1-6F5, 3-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 2-80	..	456
N16760	6	1-6S7G, 1-6T7G, 1-6V8G, 1-19, 1-30, 1-32	..	456
N16761	11	1-6A8G, 1-6C5G, 1-6C6G, 2-6F6G, 1-6H6G, 1-6J7G, 3-6K7G, 1-80	..	456
N16762, 16763	8	1-6A7, 1-6D6, 2-42, 2-75, 1-80, 1-85	..	456
N16765, 16766	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
N16767, 16768	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L59BJ Resistor	..	456
N16781, 16782	11	1-6A7, 3-6C5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-80	..	456
N16785	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	456
N16800, 16801	6	1-6A6, 1-6A8, 1-6C5, 1-6D6, 1-6K7, 1-85	..	260
N16803	6	1-6A8, 1-6B7, 1-6D6, 1-6K7, 1-42, 1-84/6Z4	..	260
N16805	6	1-6A6, 1-6A8, 1-6C5, 1-6D6, 1-6K7, 1-85	..	260
N16815	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	262.5
N16816, 16817	7	1-6A8G, 1-6F5G, 1-6H6, 2-6K7G, 1-6U6G, 1-6X6G	..	262.5
N16825, 16826	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
N16827, 16828	7	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-80	..	175
N16829	8	1-0Z4, 1-6A7, 1-6C6, 1-6D6, 1-6K7, 1-6R7, 2-6V6G	..	175
N16835	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
N16836	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	262
N16837	6	1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6X5	..	262
N16838	6	1-6F6G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	262
N16839, 16840	8	1-0Z4G, 1-6A8G, 2-6K7G, 2-6R7G, 2-6V6G	..	262
R17510	5	1-6A7, 1-25L6G, 1-25Z5, 1-75, 1-78, 1-K49BG Resistor	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADOLEK COMPANY—Continued				
R17511	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	TRF
R17512	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-K49BG Resistor	..	456
R17516, 17517	8	1-6H6G, 1-6K7G, 2-6V6G, 3-76, 1-80	..	456
R17518	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	..	456
R17519	3	1-6C6, 1-6D6, 1-25A7, 1-K80B Resistor	..	TRF
R17520	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
R17521	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-156LV Resistor	..	456
R17522, R17523	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
R17524	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
R17526	6	1-6A7, 1-6D6, 1-6F5G, 1-6U5/6G5, 1-42, 1-80	..	456
R17527	6	1-6A7, 1-6D6, 1-6E5, 1-25L6G, 1-25Z5, 1-75, 1-L49C Resistor	..	456
R17528	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-L42B Resistor	..	456
R17530	7	1-6D8G, 1-6J6G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6ZY5G	..	456
R17530 AC-DC	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-43, 1-75, 1-L42B Resistor	..	456
R17531	7	1-6D8G, 1-6J6G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6ZY5G	..	456
R17532, 17533	5	1-1A4T, 1-1A6, 1-1B4P, 1-1F4, 1-30	..	456
R17534	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
R17535	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
R17540	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
R17541, 17542	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
R17543, 17544	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
R17545, 17547	16	2-5Z3, 2-6H6G, 4-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
R17546, 17548	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	..	456
R17549	8	1-6A7, 1-6D6, 2-42, 1-75, 2-76, 1-80	..	456
R17565, 17566	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 1-37, 1-43, 1-76, 3-140R4, 1-165R8 Resistors	..	456
R17567	4	1-6A7, 1-6D6, 1-25A7, 1-76, 1-K74B Resistor	..	TRF
R17568	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-76, 1-L49B Resistor	..	456
3F10947, 10948	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
3F10986, 10987, 10988	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-340 Resistor	..	456
4E10785	5	1-6C6, 2-6D6, 1-42, 1-80	..	TRF
4E10950	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
14E10150	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
14E10151	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	175
14E10152	4	1-6A7, 1-6B7, 1-78, 1-89	..	175
14E10160	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
14E10161	6	1-42, 2-39/44, 1-75, 1-77, 1-84/6Z4	..	260
14E10162	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
14E10163	7	1-6A7, 1-37, 2-39/44, 1-75, 1-79, 1-84/6Z4	..	260
14E10953	4	1-2A5, 1-57, 1-58, 1-80	..	TRF
14E10962	4	1-42, 1-77, 1-78, 1-80	..	TRF
14E10963	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
14E10966	5	1-6C6, 2-6D6, 1-42, 1-80	..	TRF
14E10967	5	1-25Z5, 1-39/44, 1-43, 1-77, 1-78	..	TRF
14E10968	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
14E10969	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	456
14E10970, 10974	8	1-37, 2-42, 3-78, 1-80, 1-85	..	456
14E10977	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
14E10978	5	1-2A5, 1-55, 1-57, 1-58, 1-80	..	175
14E10979	6	2-45, 1-55, 1-57, 1-58, 1-80	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RADOLEK COMPANY—Continued				
14E10980, 10981	6	1-2A5, 1-2A6, 1-2A7, 2-68, 1-80	..	465
14E10995	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
14E10996	5	1-1A6, 1-19, 1-30, 1-32, 1-34	..	456
114E10973	8	1-37, 2-42, 3-78, 1-80, 1-85	..	456
16700	3	1-6C6, 1-6D6, 1-25A7, 1-K80B Resistor	..	TRF
16701	4	1-6A7, 1-6D6, 1-25A7, 1-76, 1-K74B Resistor	..	456
16702	5	1-1A4T, 1-6C6, 1-19, 1-30, 1-75	..	456
16703	7	1-6C6, 1-19, 3-30, 2-34	..	456
16705	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z6, 1-43, 1-75, 1-40S2 Resistor	..	456
16706	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
16722	7	1-6A7, 1-6B5, 1-6D6, 1-6E5, 1-6F5, 1-6H6, 1-80	..	456
16725	10	1-6A8, 2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-75, 2-76, 1-80	..	456
16728	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75	..	456
16740	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-49B Resistor	..	456
16743	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
16746	7	1-1C6, 1-19, 3-30, 2-34	..	456
16747	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
16748	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
16749	4	1-1B5/25S, 1-1C6, 1-1F4, 1-34	..	456
16751	10	2-5W4, 1-6A8, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	..	456
16753	17	1-5V4G, 2-5W4, 1-6A8, 1-6F7, 3-6K7, 1-6Q7, 1-6U5/6G5, 1-42, 4-45, 1-80, 1-85	..	456
16756	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	456
16759	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456
16772	8	1-6A7, 1-6C5, 1-6E5, 2-6F6, 1-6K7, 1-75, 1-80	..	465
16777	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 3-6K7	..	465
16778	8	1-6A7, 4-15, 1-19, 2-76	..	465
16790	6	1-6C6, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
16825	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	..	175
RCA MANUFACTURING COMPANY, Inc.				
"RCA VICTOR"				
BC6-4	6	1-1B5/25S, 1-1C6, 1-30, 1-34, 2-49	..	460
BC6-6	6	1-1C6, 1-30, 1-34, 2-49, 1-75	..	460
BC7-9	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
BK41, BT41, BT42	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1O5GT	..	455
BP10	4	1-1R5, 1-1S4, 1-1S5, 1-1T4	..	455
BP55, 56, 85	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT or 117Z6G	..	455
BT6-3	6	1-1B5/25S, 1-1C6, 1-30, 1-34, 2-49	..	460
BT6-5	6	1-1C6, 1-30, 1-34, 2-49, 1-75	..	460
BT6-10	6	1-1B5/25S, 1-1C6, 1-30, 1-34, 2-49	..	460
BT7-8	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
BT40	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
Chassis RC-427F, 427G	11	1-5U4G, 1-6A8, 2-6F6, 2-6J5, 1-6J7, 3-6K7, 1-6R7	44, 47	455
C6-2	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	460
C6-8	6	1-6A8, 1-6H6, 1-6J7, 1-6K7, 1-25A6, 1-25Z6	..	460
C6-12	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
C7-6	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	460
C8-15, 17	8	1-5Z3, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
C8-19, 20	8	1-5Z3, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	460

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RCA MANUFACTURING COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
C9-4, 6	9	1-5Z4, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
C11-1, 3	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
C13-2	13	1-5Z3, 3-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 3-6K7, 1-6L7	..	460
C15-3	15	1-5Z3, 3-6C5, 1-6E5, 2-6F6, 2-6H6, 1-6J7, 4-6K7, 1-6L7	..	460
CE-27	4	1-26, 2-45, 1-80	..	...
CE-29	4	1-27, 2-47, 1-80	..	...
D7-7	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	460
D8-28	8	1-5Z4, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	460
D9-19	9	1-5Z3, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
D11-2	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
D22-1	22	4-2A3, 2-5Z3, 6-6C5, 1-6E5, 2-6H6, 1-6J7, 4-6K7, 2-6L7	..	460
DUO-300	4	1-25Z5, 1-38, 1-77, 1-78	..	TRF
DUO-310	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
DUO-330, 331	7	1-2A7, 1-53, 1-55, 1-56, 2-58, 1-80	..	175
E-35, D-135, E-152	4	1-26, 2-45, 1-80	..	...
HF1	8	1-5T4, 1-6A8, 2-6F6, 2-6J5, 1-6K7, 1-6R7	46	455
HF2, 4, U130	12	1-5T4, 1-6A8, 2-6F6, 2-6J5, 1-6J7, 3-6K7, 1-6R7, 1-6U5/6G5	44, 47	455
HF6, U132	14	1-5T4, 2-6F6, 1-6H6, 2-6J5, 3-6K7, 1-6L7, 1-6R7, 1-6U5/6G5	44, 47	455
HF8, U134	16	2-5T4, 2-6H6, 3-6J5, 2-6J7, 3-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	44, 47	455
K50, T55 Early	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
K50 Later	5	1-5Y3G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SQ7	51	455
K60	6	1-5Y3G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SK7	44	455
K60, 61, 80, 81	6	1-5Y3G, 1-6F6G, 1-6H6, 1-6K7, 1-6SA7, 1-6SF5	44	455
K80, T80	8	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
K105	10	1-5U4G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5	44	455
M30	9	2-12A, 3-36, 4-37	..	175
M32B, M32D	6	1-37, 3-39/44, 1-85, 1-89	..	175
M34	4	1-6A7, 1-6B7, 1-78, 1-89	..	175
M50	5	1-0Z4G, 1-6A8, 1-6K6GT, 1-6K7, 1-6Q7	51	455
M60	6	1-0Z4G, 1-6A8, 1-6K6GT, 2-6K7, 1-6Q7	51	455
M70	7	1-0Z4G, 1-6A8, 1-6K7, 1-6R7, 1-6SK7, 2-6V6G	51	260
M101, 104, 108	5	1-6A7, 1-6B7, 2-6D6, 1-41	..	175
M105	4	1-6A7, 1-6B7, 1-41, 1-78	..	175
M107	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
M109	7	1-6A6, 1-6A7, 1-6B7, 2-6D6, 1-76, 1-84/6Z4	..	175
M116	5	1-1V, 1-6A7, 1-6B7, 1-41, 1-78	..	175
M123	6	1-6A7, 2-6D6, 1-41, 1-75, 1-79	..	175
OSC-22 Phono	2	1-6SA7, 1-25Z6G, 1-B86A Resistor	..	...
050, R60 Phono	3	1-5Y3G, 1-6F6G, 1-6SF5	..	...
P31	8	4-30, 1-32, 3-34	..	175
Q82	6	1-1A5G, 1-1G6G, 1-1H5GT, 2-1N5GT, 1-1R5	..	455
QU2C, QU2M	6	1-5Y3G, 1-6AD7G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	51	455
QU5	8	1-5U4G, 1-6AD7G, 3-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	55, 51	455
Q20, 21	5	1-5Y3G, 1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	51	455
Q22, 25, QK23	6	1-5Y3G, 1-6AD7G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	51	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RCA MANUFACTURING COMPANY, Inc.—Continued				
Q24	6	1-12C8, 1-12SA7, 1-12SC7, 1-35Z5GT, 2-50L6GT	51	455
Q26, QU3C, QU3M	7	1-5Y3G, 1-6AD7G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
Q44	11	1-5U4G, 1-6AD7G, 1-6B8G, 1-6F6G, 1-6R7, 2-6SA7, 4-6SK7, 1-6U5/6G5	51	455
R4, R6	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
R5	4	2-24A, 1-47, 1-80	..	TRF
R5D, C, R5X	4	2-36, 2-38	..	...
R7, R7A	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	175
R7 DC	7	1-24A, 2-27, 2-35/51, 2-45	..	175
R7 LW, R9	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	110
R8	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
R9 DC	7	1-24A, 2-27, 2-35/51, 2-45	..	175
R10	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
R10 DC	7	1-24A, 2-27, 2-35/51, 2-45	..	175
R11	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
R12	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
R14, 15	7	4-24A, 2-45, 1-80	..	TRF
R17M	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
R18W	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
R21	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
R22S, 22W	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	175
R27	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
R28, 28A, 28B, 28C, 28D, 28E, 28F, 28G, 28BP	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
R32	10	6-26, 1-27, 2-45, 1-80	..	TRF
R34, 35, 39	8	4-24A, 2-45, 1-27, 1-80	..	TRF
R37, 38	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80	..	175
R42, 48	7	4-24A, 2-45, 1-80	..	TRF
R43	8	5-30, 3-32	..	175
R50, 55	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
R52	10	6-26, 1-27, 2-45, 1-80	..	TRF
R51B, 53B	10	7-30, 3-34	..	175
R70, 70N	7	2-47, 2-56, 2-58, 1-80	..	175
R71	8	1-47, 3-56, 3-58, 1-80	..	175
R71B	8	4-30, 1-32, 3-34	..	175
R72	8	1-47, 3-56, 3-58, 1-80	..	175
R73	8	2-47, 1-55, 1-56, 3-58, 1-80	..	175
R74	10	1-42, 2-46, 4-56, 3-58	..	175
R75	8	2-47, 1-55, 1-56, 3-58, 1-80	..	175
R76, 77	10	2-46, 4-56, 3-58, 1-82	..	175
R78	12	2-46, 5-56, 4-58, 1-82	..	175
R80, 82, 86	9	4-24A, 2-27, 2-45, 1-80	..	175
R89 Phono	3	1-6F6, 1-25L6, 1-25Z5	..	...
R90	10	2-2A5, 3-56, 4-58, 1-80	..	175
R91B	3	1-38, 1-58, 1-77	..	TRF
R91 Phono	3	1-6F5, 1-25L6, 1-25Z6, 1-BK61B Resistor	..	...
R95	3	1-25Z5, 1-43, 1-77	..	...
R98 Phono	5	2-2A3, 1-5U4G, 2-6J5	..	...
R99	7	2-2A3, 1-5Z3, 2-6C5, 1-6H6, 1-6L7	..	460
R100, 101	4	1-1V, 1-6A7, 1-6F7, 1-38	..	460
R102	4	1-37, 1-38, 1-77, 1-78	..	TRF
R103	4	1-1V, 1-6A7, 1-6F6, 1-41	..	460
R110, 111	4	1-2A5, 1-2A7, 1-57, 1-58	..	175
R114	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	175
R115	4	1-2A5, 1-2A7, 1-57, 1-58	..	175
R117, 118, 119	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-80	..	460
R120, 121, 124	5	1-2A5, 1-2A7, 1-2B7, 1-58, 1-80	..	175
R125	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80	..	460
R126B	6	1-1A6, 3-30, 1-32, 1-34	..	460
R128	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-80	..	460
R135B	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
R140	8	1-2A7, 1-2B7, 1-53, 1-56, 3-58, 1-80	..	445
R142B	8	5-30, 1-32, 2-34	..	175

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RCA MANUFACTURING COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
R143	8	1-5Z3, 1-6A7, 2-6D6, 2-42, 1-75, 1-76	..	460
R210	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
R211, 214	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-80	..	460
R220, 221, 222	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80	..	175
R223	6	1-6A7, 1-6B7, 2-6D6, 1-38, 1-84/6Z4	..	175
R225, 226	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80	..	460
R235B, 236B	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
R240	8	1-2A7, 1-2B7, 1-53, 1-56, 3-58, 1-80	..	445
R241B	8	5-30, 1-32, 2-34	..	175
R242, 243	8	1-5Z3, 1-6A7, 2-6D6, 2-42, 1-75, 1-76	..	460
R260, 261	10	2-2A5, 3-56, 4-58, 1-80	..	175
R262, 263	10	1-6A7, 2-6D6, 2-42, 2-76, 2-80, 1-85	..	460
R280	12	1-5Z3, 1-55, 4-56, 4-58, 2-59	..	175
R281	11	1-6A7, 4-6D6, 2-42, 3-76, 1-85	..	460
RAE26	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
RAE59	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
RAE68	9	4-24A, 2-27, 2-45, 1-80	..	175
RAE79	13	1-24A, 3-27, 3-35/51, 4-47, 2-80	..	175
RAE84	12	2-46, 5-56, 4-58, 1-82	..	175
RAE380	12	1-5Z3, 1-55, 4-56, 4-58, 2-59	..	175
RAE381	12	1-5Z3, 1-6A7, 4-6D6, 2-42, 3-76, 1-85	..	460
RE16, 16A	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	175
RE17	7	4-24A, 2-45, 1-80	..	TRF
RE18, 18A	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
RE19	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
RE40	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
RE45	10	6-26, 1-27, 2-45, 1-80	..	TRF
RE57, 73	8	4-24A, 1-27, 2-45, 1-80	..	TRF
RE75	10	6-26, 1-27, 2-45, 1-80	..	TRF
RE80	8	2-47, 1-55, 1-56, 3-58, 1-80	..	175
RE81	10	1-42, 2-46, 4-56, 3-58	..	175
RE154, 156	10	6-26, 1-27, 2-45, 1-80	..	...
RE301	4	1-1V, 1-6A7, 1-6F7, 1-41	..	460
RE321	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80	..	370
RE322	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80	..	460
RE341	8	1-5Z3, 1-6A7, 2-6D6, 2-42, 1-75, 1-76	..	460
RO23	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
RO23 SW Conv	3	2-24A, 1-27	..	1075
SWA2, SW10	3	2-24A, 1-27	..	1000
T4-8, T4-9	4	1-1V, 1-6A7, 1-6F7, 1-41	..	460
T4-10	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
T5-2	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-80	..	460
T6-1	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	460
T6-7	6	1-6A8, 1-6H6, 1-6J7, 1-6K7, 1-25A6, 1-25Z6	..	460
T6-9	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	460
T6-11	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
T7-5	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	460
T8-14, T8-16	8	1-5Z3, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
T8-19	8	1-5Z3, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	460
T9-7, T9-8	9	1-6A8, 1-6E5, 1-6F5, 1-6H6, 2-6K7, 2-25A6, 1-25Z6	..	460
T9-9	9	1-5Z3, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
T9-10	9	1-5Z4, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
T10-1	10	1-5Z3, 2-6C6, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
T11-8	11	1-5Z3, 2-6C5, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
T63	6	1-5Y3G, 1-6F6G, 1-6K7, 1-6SK7, 1-6U5/6G5	51	455
T64	8	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455

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RCA MANUFACTURING COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
TRK9	25	1-2V3G, 1-5T4, 1-6AB7/1853, 2-6AC7/1852, 1-6F8G, 3-6H6, 2-6J5G, 1-6L6, 4-6N7, 1-6SK7, 1-6Y6G, 1-25Z6, 1-1804/P4	..	...
TRK12	25	1-2V3G, 1-5T4, 6-6AB7/1853, 2-6AC7/1852, 1-6F8G, 3-6H6, 2-6J5G, 1-6L6, 4-6N7, 1-6SK7, 1-6Y6G, 1-25Z6, 1-1803/P4	..	...
TRK90	24	1-2V3G, 1-5U4G, 1-5V4G, 5-6AB7/1853, 3-6AC7/1852, 2-6H6, 2-6J5, 1-6L6, 4-6N7, 1-6SK7, 1-6SQ7, 1-6Y6G, 1-1804/P4	..	...
TRK120	24	1-2V3G, 1-5U4G, 1-5V4G, 5-6AB7/1853, 3-6AC7/1852, 2-6H6, 2-6J5, 1-6L6, 4-6N7, 1-6SK7, 1-6SQ7, 1-6Y6G, 1-1803/P4	..	...
U8, 9	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
U10	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	51	456
U12	7	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	51	455
U20, 40, 42	8	2-5Y3G, 2-6F6G or 6K6G, 1-6K7, 1-6SA7, 1-6SQ7, 1-6U5/6G5	47	...
U25, 26	8	1-5Y3G, 1-6A8G, 1-6J5, 2-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	455
U30, 129	10	1-5U4G, 1-6A8, 2-6F5, 2-6F6G, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	44	455
U43	8	1-5Y3G, 2-6K6GT, 1-6K7, 1-6SA7, 1-6SF5, 1-6SQ7, 1-6U5/6G5	44	455
U44, 45	10	1-5U4G, 2-6F6, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5	44	455
U46	13	2-5U4G, 4-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5	51	455
U50	5	1-5Y3G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SQ7	44	455
U101, 103	6	1-6A7, 1-6A8, 1-6D6, 1-42, 1-75, 1-80	..	460
U105, 107	10	1-5T4, 1-6E5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7, 1-6N7	..	460
U106	9	1-5T4, 1-6A8, 2-6F5, 2-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	40, 46	...
U109	16	2-2A3, 1-5Z3, 2-6C5, 1-6F5, 2-6H6, 2-6J7, 3-6K7, 2-6L7, 1-6U5/6G5	..	460
U111	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7, 1-6Q7G	46	455
U119, 122E, 124	6	1-5W4, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6K8	47	455
U121, 123, 127E	6	1-5Y3G, 1-6A8G or 6SA7, 1-6F5 or 6SF5, 1-6H6, 1-6K6G or 6F6G, 1-6K7	44	455
V100	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
V102	7	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	..	455
V170	6	1-5Y3G, 1-6H6, 1-6K6GT, 1-6SA7, 1-6SF5, 1-6SK7	51, 55	455
V200, 201	7	1-5Y3G, 2-6K6GT, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	51, 55	455
V205, 405	9	1-5U4G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7	51, 55	455
V300, 301, 302	11	1-5U4G, 3-6F6G, 1-6H6, 1-6J5, 1-6SA7, 3-6SK7, 1-6U5/6G5	51, 55	455
VE7-11, 25, 26	7	4-26, 1-27, 1-71A, 1-80	..	TRF
VE9-16	8	4-26, 1-27, 1-50, 2-81	..	TRF
VE9-18, 54, 56	11	8-27, 1-50, 2-81	..	180
VE10-69, VE12-15	4	1-26, 1-50, 2-81	..	Amp.
VHR202	9	1-5Y3G, 2-6K6GT, 2-6Q7, 1-6SA7, 1-6SJ7, 1-6SK7, 1-6U5/6G5	44, 55	455
VHR207, 407	11	1-5U4G, 2-6F6G, 1-6H6, 1-6Q7, 1-6SA7, 1-6SJ7, 2-6SK7, 1-6U5/6G5, 1-12K7GT	44, 55	455
X55	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
X60	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455

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RCA MANUFACTURING COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
4QB, 4QBA	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	44	455
4X, 3, 4	4	1-6A7, 1-6F7, 1-25Z5, 1-43	..	460
4T	4	1-1V, 1-6A7, 1-6B7, 1-41	..	460
5BT	5	1-1A4T, 1-1A6, 1-1F6, 1-19, 1-30	..	....
5M	5	1-6A8, 1-6B7, 1-6D6, 1-6K7, 1-42	..	260
5Q, 5Q55, 5Q56, 6Q7	5 or 6	1-5Y3G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SQ7, 1-6U5/6G5	44	455
5Q6, 5Q8	5	1-6K7, 1-6SA7, 1-6SQ7, 1-25L6G, 1-25Z6G	47	455
5T, 5U	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	460
5X, 5X3, 5X4	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	460
5X5	5	1-12C8, 1-12SA7, 1-12SC7, 1-35L6GT, 1-35Z5GT	..	455
6BK, 6BK6, 6BT, 6BT6	6	1-1A4T, 1-1C6, 1-1F6, 1-30, 2-49	..	460
6K, 6K1, 6K2, 6K10	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
6M, 6M2	6	1-6A6, 1-6A8, 1-6C5, 1-6D6, 1-6K7, 1-85	..	260
6Q1, 6Q4	6	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7	..	455
6Q4X	6	1-6SA7, 2-6SK7, 1-6SQ7, 1-25L6G, 1-25Z6G	47	455
6Q8	6	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
6QU	6	1-5Y3G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
6T, 6T2, 6T10	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
7K, 7T	8	1-5Z4, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6L7	..	460
7Q8, 7Q8K	7	2-6L5G, 1-6SA7, 2-6SJ7, 1-6T7G, 1-6W7G	47	455
7Q4, 7QK4	7	1-5Y3G, 1-6K6G or 6F6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
7Q4X	7	1-6AB5/6N5, 1-12SA7, 2-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
7U	7	1-5Z4, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
7U2	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	..	460
7X, 7X1	7	1-6H6, 2-6J7, 1-6K7, 1-6L7, 1-25A6, 1-25Z6	..	460
8BK, 8BK6, 8BT, 8BT6	8	2-1A4T, 1-1A6, 1-1B4P, 1-1F6, 1-30, 2-49	..	460
8K, 8T	8	1-5Z4, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6L7	..	460
8M	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6X5G	51	455
8M1, 8M2	6	1-6A8, 1-6K6G, 1-6K7, 1-6K7G, 1-6Q7G, 1-6X5G	51	260
8M3, 8M4	6	1-6A8, 1-6J5, 1-6K7, 1-6K7G, 1-6N7G, 1-6R7G	51	260
8QB	5	1-1A4T, 1-1C6, 1-1F6, 1-19, 1-30	..	455
8QB, 8QBK	8	1-6D8G, 1-6J7, 1-6L5G, 3-6S7G, 1-6T7G, 1-6Z7G	..	455
8Q2, 8QU5C, 8QU5M	8	1-5Y3G, 1-6B8, 2-6F6G, 1-6SA7, 1-6SC7, 1-6SK7, 1-6U5/6G5	44, 47	455
8T10	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
8U	8	1-5Z4, 1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	460
9K	9	1-5Z4, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7	..	460
9K2, 9T	9	1-5Z4, 1-6E5, 1-6F5, 1-6H6, 1-6J7, 2-6K7, 1-6L6, 1-6L7	..	460
9K10	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
9M1	5	1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6X5	..	455
9M2	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	..	455

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RCA MANUFACTURING COMPANY, Inc.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
9Q1, 9QK	9	1-5Y3G, 1-6B8, 2-6F6G, 2-6SA7, 1-6SC7, 1-6SK7, 1-6U5/6G5	51	455
9Q4	9	1-5U4G, 2-6F6G, 1-6SA7, 1-6SF5, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
9TX21, 22, 23	5	1-6A8, 1-6SK7, 1-6SQ7, 1-25L6, 1-25Z6	47	455
9TX31, 32, 33	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	47	455
9TX50	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	47	455
9TX50, 50M, 40X52, 40X55	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
9X	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	40	...
10K, 10T	10	1-5Z4, 1-6E5, 1-6F5, 1-6H6, 1-6J7, 3-6K7, 1-6L6, 1-6L7	..	460
13K	13	2-5Z4, 2-6C5, 1-6E5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6L7	..	460
14BK, 14BT1, 14BT2	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT	..	455
15BT	5	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT	..	455
15K	15	2-5Z4, 2-6C5, 1-6E5, 2-6H6, 1-6J7, 4-6K7, 2-6L6, 1-6L7	..	460
15U	15	2-2A3, 1-5Z3, 3-6C5, 1-6E5, 2-6H6, 1-6J7, 3-6K7, 2-6L7	..	460
16K, 16T2, 3, 4	6	1-5Y3G, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7	51	455
17K	7	1-5Y3G, 1-6H6, 1-6K6GT, 1-6SA7, 1-6SF5, 2-6SK7	51	455
18T	8	1-5Y3G, 2-6K6GT, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	51	455
19K	9	1-5Y3G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7	51	455
40X30, 31, 50	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
45E, 45X1, 2, 5, 6, 11, 12, 13, 111, 112, 113	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
46X1, 2, 3, 11, 12, 13, 21, 23, 24	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
67M	6	1-6A8, 1-6B7, 1-6D6, 1-6K7, 1-42, 1-80	..	...
67M1, 2, 3	6	1-6A6, 1-6A8, 1-6C5, 1-6D6, 1-6K7, 1-85	..	...
84BT	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	...
84BT6	4	1-6A7, 1-6D6, 1-42, 1-75	..	...
85BK, 85BT	5	1-1A4T, 1-1C6, 1-1F6, 1-19, 1-30	..	...
85BT6	4	1-1C7G, 1-1D5G, 1-1F7G, 1-1G5G	..	455
85T	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	460
86BK, 86BT	6	2-1A4T, 1-1C6, 1-1F6, 1-19, 1-30	..	...
86E, 86K, 86K7, 86T, 86T1	6	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	460
86T6	6	1-5W4, 1-6A8G, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	455
86X	5	1-6A7, 1-6D6, 1-25Z5, 1-42, 1-43	..	460
87EY, 87K, 87T	7	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	..	460
87X, 87Y	6	1-6A8, 1-6H6, 1-6J7, 1-6K7, 1-25L6, 1-25Z5	..	460
88K	8	1-5W4, 1-6F6, 1-6J7, 2-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	460
94BK, 94BT, 94BT6	4	1-1C7G, 1-1D5G, 1-1F7G, 1-1G5G	46	455
94BP1 Early	4	1-1A7G, 1-1C7G, 1-1H5G, 1-1N5G	..	455
94BP1 Late	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5GT	..	455
94X, 94X1, 94X2	4	1-6J7, 1-6K7, 1-25L6G, 1-25Z6G	..	...
95T, 95T1	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7G, 1-6Q7G	46	455
95	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	455
95E, 96E, 96T, 96T1	6	1-5Y3G, 1-6A8G, 1-6F5, 1-6H6, 1-6K6G, 1-6K7	44	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RCA MANUFACTURING COMPANY, Inc.—Continued				
95X, 95XL	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6G, 1-BK55B Resistor	40	...
96K, 96K2, 96T2, 96T3	6	1-5W4, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6K8	47	455
96T4, 5, 6	5	1-6K7, 1-6SA7, 1-6SQ7, 1-25L6, 1-25Z6G, 1-BK49B Resistor	47	455
96X1, 2, 3, 4, 11, 12, 13, 14	6	1-6K8, 1-6SK7, 1-6SQ7, 1-25L6, 1-25Z6G, 1-BK49B Resistor	47	455
97E, 97KG, 97T	7	1-5W4, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6K8, 1-6U5/6G5	47	455
97X	6	1-6A8G, 1-6F5, 1-6H6, 1-6K7, 1-25L6G, 1-25Z6G, 1-BK42 Resistor	47	455
97Y	6	1-6H6, 1-6J7, 1-6K7, 1-6K8, 1-25L6, 1-25Z6, 1-BK36B Resistor	47	455
97X, 98EY, 98YG	7	1-6H6, 1-6J7, 1-6K7, 1-6K8, 1-6U5/6G5, 1-25L6, 1-25Z6, 1-31577 Resistor	47	455
98K	8	1-5W4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	44	455
98K2, 98T	8	1-5Y3G, 1-6A8G, 1-6J5, 2-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	455
98T2	8	1-6H6, 1-6J7, 1-6K7, 1-6K8, 1-6U5/6G5, 1-25L6, 1-25Z6, 1-Ballast	47	455
99K, 99T	9	1-5T4, 1-6A8, 1-6F5, 2-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	44, 47	455
110K	10	1-5U4G, 4-6K6GT, 1-6SA7, 1-6SF5, 2-6SK7, 1-6SQ7	44, 51	455
690	9	4-24A, 2-27, 2-45, 1-80	..	175
810K, 810K1, 810T	10	1-5T4, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6L7, 1-6N7, 1-6U5/6G5	..	460
811K	11	1-5T4, 2-6F6, 1-6H6, 2-6J7, 2-6K7, 1-6L7, 1-6N7, 1-6U5/6G5	..	460
812K	12	1-5T4, 2-6F6, 1-6H6, 2-6J7, 3-6K7, 1-6L7, 1-6N7, 1-6U5/6G5	..	460
813K	13	1-5T4, 1-6C5, 3-6F6, 1-6H6, 2-6J7, 3-6K7, 1-6L7, 1-6U5/6G5	..	460
816K	16	2-5T4, 1-6C5, 1-6F6, 2-6H6, 2-6J7, 4-6K7, 2-6L6, 1-6L7, 1-6U5/6G5	..	460
910KG, U126, U128	10	1-5T4, 1-6A8, 2-6F5, 2-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	..	455
911K	11	1-5T4, 1-6A8, 2-6F5, 2-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	44, 47	455
"REGAL"				
(See GAMBLE SKOGMO INC.—Page 116)				
REGAL AMPLIFIER MFG. CORPORATION				
"REGAL"				
Doorphone	2	1-6C6, 1-25A7, 1-90B	..	...
Tokfone Jr., S.W.	2	1-6C6, 1-25A7, 1-90B	..	...
141, 141 S.W.	4	2-6K5, 1-25L6, 1-25Z5	..	...
142 E.A., 143, 510, 600, 600 E.A.	3	1-6K5, 1-25L6, 1-25Z5, 1-K55H Resistor	44	...
144	5	2-6B5, 1-6J7, 1-6N7, 1-83V	..	...
REMLER COMPANY, Ltd.				
"REMLER", "NORCO"				
4	4	1-24A, 1-35/51, 1-47, 1-80	42	TRF
10, 10-11	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	42	Reflex 180
10-3	6	1-2A5, 1-27, 1-57, 2-58, 1-80	42	250
10-3	6	1-27, 1-47, 1-57, 2-58, 1-80	42	250
10-3	6	1-47, 1-56, 1-57, 2-58, 1-82	42	250
10-4	6	1-6A7, 1-6B7, 1-42, 2-78, 1-80	46	450
11	6	1-27, 1-47, 1-57, 2-58, 1-82	42	450
11	5	3-24A, 1-47, 1-80	42	TRF
14	6	2-26, 2-27, 1-45, 1-80	42	TRF

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REMLER COMPANY, Ltd.—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
14SG	6	3-24A, 1-27, 1-45, 1-80	42	TRF
15	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	42	180
15C	7	1-27, 1-47, 1-55, 3-58, 1-80	42	180
15-3	9	1-27, 2-56, 2-57, 3-58, 1-82	42	180
17	8	4-24A, 2-27, 1-45, 1-80	42	180
18	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	42	180
19	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	42	180
19C	8	2-24A, 2-27, 2-35/51, 2-47	42	...
21	4	1-24A, 1-35/51, 1-47, 1-80	42	TRF
21-3	4	1-47, 2-57, 1-82	42	250
21-3 Serial 38,000 Up	5	1-47, 2-57, 1-58, 1-82	42	250
21-3	4	1-47, 1-57, 1-58, 1-80	42	TRF
21-4	5	1-2A5, 1-2A7, 1-2B7, 1-58, 1-80	42	450
26	5	1-25Z5, 1-43, 2-77, 1-78	46	450
26 Above 54,760	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	46	450
27	6	1-1V, 1-6A7, 1-6B7, 1-78, 1-84/6Z4, 1-89	46	450
28	6	1-6A8, 1-6J7, 1-6K7, 1-25A6, 1-25Z6, 1-K49B Resistor	46	450
29	8	3-01A, 1-12A, 4-22	..	115
30-40	4	1-6A7, 1-6F7, 1-41, 1-84/6Z4	46	450
35	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	46	450
36	6	1-6A7, 2-6D6, 1-41, 1-75, 1-76	55	250
37	6	1-6A8, 1-6C5, 1-6F6, 2-6K7, 1-6Q7	55	250
39	5	1-6A7, 1-6K7, 1-42, 1-75, 1-80	46	450
41, 46	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7	46	450
42	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	46	450
43	7	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 1-6J7, 2-6K7	46	450
44	7	1-5Z4, 1-6C5, 1-6F6, 2-6K7, 1-6L7, 1-6Q7	46	450
45 KC	7	1-20, 6-V99	..	450
45	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	46	450
45 (1938)	6	1-5Z4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	46	450
46, 47	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	46	450
49	4	1-6C6, 1-6D6, 1-41, 1-80	46	450
51	4	1-42, 1-77, 1-78, 1-80	46	TRF
52	5	1-6A7, 1-6K7, 1-42, 1-76, 1-80	46	450
53	5	1-6A7, 1-6D6, 1-42, 1-53, 1-80	42	450
53C Above 56208	5	1-6A7, 1-6D6, 1-42, 1-76, 1-80	46	450
54, 55	5	1-6A7, 1-6K7, 1-42, 1-75, 1-80	46	450
60	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	450
61	6	1-6A7, 1-6D6, 1-6K7, 1-42, 1-76, 1-80	46	450
62	5	1-5Z4, 1-6A8, 1-6F6, 1-6J7, 1-6K7	46	450
63, 64	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	46	450
65	6	1-5Z4, 1-6C6, 1-6F6, 1-6K7, 1-6L7, 1-6Q7	46	450
65	7	1-6D6, 1-6K7, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	46	450
66	6	1-6A7, 1-6D6, 1-6K7, 1-42, 1-76, 1-80	46	450
71	8	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6L7	46	450
72	8	1-5Z4, 1-6C5, 1-6F5, 1-6H6, 2-6K7, 1-6L7, 1-6V6G	46	450
73	6	1-6K8, 2-6SK7, 1-42, 1-76, 1-80	46	455
88	10	2-2A3, 1-5Z4, 2-6A6, 1-6A8, 1-6H6, 1-6J7, 2-6K7	46	450
89 (1938)	11	1-5X4G, 1-6C5, 1-6E5, 2-6F5, 1-6H6, 2-6K7, 1-6L7, 2-6V6G	46	450
89	12	1-5Z4, 2-6C5, 2-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6L7, 1-6U5/6G5	46	450
91	5	1-1A1/5E1, 1-1A4T, 1-1C6, 1-1F6, 1-33	..	450
92	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
93	9	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-12A8GT, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	40	455
94	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
REMLER COMPANY, Ltd.—Continued				
95	10	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-12A8GT, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	40	455
140	4	1-6D6, 1-42, 1-76, 1-80	46	TRF
160	5	1-6A7, 1-42, 1-75, 1-78, 1-80	46	450
160	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	450
170	4	1-6D6, 1-42, 1-76, 1-80	46	TRF
171	4	1-6C6, 1-6D6, 1-41, 1-80	46	450
178	5	1-6A7, 1-6K7, 1-42, 1-76, 1-80	46	450
179 P.B.	6	1-6A7, 1-6D6, 1-6K7, 1-42, 1-75, 1-80	46	450
179	6	1-6A7, 1-6D6, 1-6K7, 1-42, 1-76, 1-80	46	450
180	8	1-6D6, 1-6K7, 1-25Z5, 2-41, 3-76	46	450
462	5	1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5G	46	455
463, 464, 465, 469, 470	6	1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6GT, 1-6X5G	46	455
466	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	40	455
471	7	1-6J7, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6GT, 1-6X5G	46	455
REPUBLIC INDUSTRIES				
"SKY HAWK"				
BP-5E	5	1-25Z5, 1-43, 2-77, 1-78	..	115
CS-6	6	1-42, 1-75, 1-76, 1-77, 1-78, 1-80	..	115
Master	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	Super
MS	5	1-47, 2-57, 1-58, 1-80	..	175
Patrician, SL-5	5	1-25Z5, 1-43, 2-77, 1-78	..	175
RC-5, RC-6	7	1-6A7, 2-25Z5, 1-42, 1-75, 2-78	..	175
RM6	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	Super
SL-5D	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
SL-5D, TR-5B	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
SL-6	6	1-25Z5, 1-43, 3-77, 1-78	..	115
SL-6D	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	175
TL-6C	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	175
WA-10	10	2-47, 1-55, 3-56, 3-58, 1-80	..	Super
42	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	Super
50-S, 50-L	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	Super
51	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	Super
55	4	1-6A7, 1-42, 1-78, 1-80	..	Super
56	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	Super
311	7	1-42, 1-75, 1-76, 3-78, 1-80	..	Super
316	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	Super
319	8	1-5Z4, 1-6C5, 2-6F5, 1-6H6, 3-6K7	..	Super
REVERE RADIO CORPORATION				
"REVERE"				
Patrician, 39	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
ROOTS AUTO RADIO MANUFACTURING CORPORATION				
"ROOTS"				
R34	5	1-6A7, 1-6B7, 1-41, 1-78, 1-84/6Z4	..	Super
49	7	3-24A, 2-37, 2-38	..	...
55	7	1-6A7, 1-41, 1-75, 2-78, 1-79, 1-84/6Z4	..	Super
69	8	2-37, 3-39/44, 2-41, 1-84/6Z4	..	...
RUDOLPH WURLITZER MFG. COMPANY				
"ALL AMERICAN MOHAWK"—"LYRIC"—"WURLITZER"				
"ALL AMERICAN MOHAWK" Models:				
B-7, B-34	6	1-30, 4-32, 1-33	..	175
B-30-31	6	1-30, 2-31, 3-32	..	TRF
B-80	8	5-30, 1-32, 2-34	..	175
C-6	6	3-24A, 2-45, 1-80	..	TRF
Cherokee	6	1-71A, 5-401A	..	TRF

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RUDOLPH WURLITZER MFG. COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
DC	7	2-12A, 3-22, 2-71A	..	TRF
DC-7	9	2-12A, 3-22, 4-71A	..	175
DC-7	7	3-36, 2-37, 2-38	..	Super
DC57, DC-7	7	2-33, 3-36, 2-37	..	175
Forte	7	6-01A, 1-12A	..	TRF
J, J3	6	4-24A, 1-45, 1-80	..	TRF
K	9	4-24A, 2-27, 2-45, 1-80	..	TRF
Mohawk All Elec	6	6-01A	..	TRF
Navajo, Chieftan, Va	5	5-01A	..	TRF
P, P-8, P-9	6	4-24A, 1-47, 1-80	..	TRF
S-6, S-61, S-62	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	175
S-7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
	7	5-32 or 30, 2-31	..	TRF
S-8, S-80, S-81	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
S-9	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
S-10	10	2-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
S-40	4	1-47, 2-57, 1-80	..	TRF
S-63	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
S-65, DC-65	6	1-36, 1-37, 2-38, 2-39/44	..	175
SA-65, SA-66	6	1-47, 1-55, 1-57, 2-58, 1-80	..	175
SA-90, SA-91	9	2-47, 1-55, 1-56, 2-57, 2-58, 1-80	..	175
SA-90	8	2-24A, 1-27, 1-35/51, 2-47, 1-55, 1-80	..	175
SA-110	11	3-46, 3-56, 2-57, 2-58, 1-83	..	175
SA-130	13	2-47, 3-56, 4-57, 3-58, 1-82	..	175
SH-9, SH-50, SH500	9	2-24A, 2-27, 1-32, 1-35/51, 2-47, 1-80	..	175
SW-8	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	485
SW-80	8	1-47, 2-56, 2-57, 2-58, 1-80	..	485
Sextette, Seneca, 44, 55	6	5-01A, 1-12A	..	TRF
U-55	5	3-39/44, 1-25Z5, 1-43	..	485
60, 61, 62, 65, 66	7	3-26, 2-27, 1-71A, 1-80	..	TRF
70, 73, 75	8	4-26, 2-27, 1-50, 1-80	..	TRF
77, 88, 99	6	4-26, 1-27, 1-71A	..	TRF
80, 83, 84, 85, 86, 88	9	4-26, 2-27, 2-71A, 1-80	..	TRF
90, 93, 94, 95	10	7-27, 2-45, 1-80	..	TRF
94SG, 95SG, 96SG, H	8	3-24A, 2-27, 2-45, 1-80	..	TRF
115 Batt	5	4-01A, 1-12A	..	TRF
115 Elec	5	1-12A, 4-99	..	TRF
226	7	4-26, 1-27, 1-71A, 1-80	..	TRF
606, 616, 626, 656	6	5-01A, 1-71A	..	TRF
808, 838, 848, 858, 868	8	6-01A, 2-71A	..	TRF
"LYRIC" Models:				
A-60	5	1-6B7, 1-41, 2-78, 1-84/6Z4	..	485
B-6	6	1-1A6, 1-32, 1-33, 2-34, 1-10AB	..	175
C-4, M-4	4	1-6A7, 1-6B7, 1-25Z5, 1-43	..	456
DC-65	6	2-33, 1-36, 1-37, 2-39/44	..	175
LU-5, P-5, SU-5	5	1-6A7, 1-12Z3, 1-43, 1-75, 1-78	..	456
LU-5, SU-5, U-500 AVC, P-5 Late	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	456
LW-5, S-50, S-51, S-52	5	1-47, 2-57, 1-58, 1-80	..	175
Lyric D, A	7	3-24A, 1-27, 2-45, 1-80	..	TRF
S-65	6	1-36, 1-37, 2-38, 2-39/44	..	...
SA-91-A	9	2-2A5, 1-55, 1-56, 2-57, 2-58, 1-80	..	175
SA-5	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	175
SA-6	6	1-2A5, 1-2A6, 1-2A7, 2-58, 1-80	..	175
SA-120	12	2-46, 5-56, 2-57, 2-58, 1-80	..	175
SA-133	13	2-2A5, 3-56, 4-57, 3-58, 1-82	..	175
SW-8	8	2-24A, 2-27, 2-35/51, 1-47, 1-80	..	...
SW-88	8	1-2A5, 2-56, 2-57, 2-58, 1-80	..	485
U50, U55, U56	5	1-25Z5, 3-39/44, 1-43	..	485
450	5	1-2A5, 1-57, 2-58, 1-80	..	485

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
RUDOLPH WURLITZER MFG. COMPANY—Continued				
450-A	5	1-6C6, 2-6D6, 1-41, 1-80	..	485
460	6	1-6B7, 3-6D6, 1-41, 1-80	..	485
470, 471	7	1-6A7, 2-6D6, 1-41, 1-75, 1-76, 1-80	..	485
480	8	1-6A7, 3-6D6, 2-41, 1-75, 1-80	..	485
SARA COMPANY, Inc., J. & L.				
"SARA"				
SJ-4	5	1-24A, 1-35/51, 1-47, 1-80, 1-Wunde	..	175
SJ-4K	5	1-47, 1-57, 1-58, 1-80, 1-Wunde	..	125
S-39B	5	1-2A5, 1-2A7, 1-58, 1-80, 1-Wunde	..	125
S-41L	6	1-2A5, 1-2A7, 2-58, 1-80, 1-Wunde	..	125
S-42B	7	1-6A7, 2-6D6, 1-18, 2-25Z5, 1-Wunde	..	125
S-47	5	1-6A7, 1-6D6, 1-42, 1-80, 1-85	..	125
S-48	5	1-6A7, 2-6D6, 1-48, 1-85	..	125
S-49	5	1-6A7, 1-6D6, 2-41, 1-85	..	125
S-51	6	1-6A8, 1-6F6, 2-6K7, 1-6R7, 1-80	..	456
S-55	6	1-5Z4, 1-6A8, 2-6K7, 2-6L6, 1-6Q7	..	456
SAVIL RADIO ENGINEERING CORPORATION				
"SAVIL"				
L52, SL5	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	415
SL62	6	1-6A7, 1-25Z5, 1-43, 1-77, 2-78	..	456
W52	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
W72	7	1-6A7, 2-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
247	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
543	5	2-43, 1-77, 2-78	..	TRF
557	5	1-47, 1-57, 2-58, 1-80	..	TRF
589	5	1-36, 2-39/44, 2-89	..	TRF
657	6	1-47, 1-56, 1-57, 2-58, 1-80	..	TRF
715	7	1-47, 1-56, 2-57, 2-58, 1-80	..	450
748	7	1-37, 2-48, 1-77, 3-78	..	TRF
757	7	2-47, 1-57, 3-58, 1-80	..	TRF
815	8	2-37, 2-48, 2-77, 2-78	..	460
900A	10	1-42, 1-76, 2-77, 4-78, 1-83V, 1-Ballast	..	456
915	9	5-30, 4-32	..	456
SCOTT RADIO LABORATORIES, Inc. E. H.				
SCOTT"				
A.C. Ten-A	11	3-24A, 5-27, 2-45, 1-80	..	475
A.C. Ten-B	11	4-24A, 4-27, 2-45, 1-80, 1-12-20 Resistor	..	475
DeLuxe	12	2-45, 3-56, 1-57, 4-58, 1-80, 1-Wunde	..	465
Eighteen	18	2-5V4G, 3-6B8G, 1-6E5, 4-6J5G, 1-6J7G, 3-6K7G, 1-6L7G, 1-6U7G, 2-6V6G	..	465
Phantom	20	2-5U4G, 3-6B8G, 1-6E5, 1-6H6G, 4-6J5G, 1-6J7G, 3-6K7G, 2-6L6G, 1-6L7G, 1-6U7G, 1-VR150	..	455
Phantom DeLuxe FM-AM	26	2-5U4G, 1-6AB7/1853, 3-6B8G, 2-6E5, 1-6H6, 1-6H6G, 4-6J5G, 3-6J7G, 3-6K7G, 2-6L6G, 1-6L7G, 1-6SA7, 1-7G7/1232, 1-VR150	..	455, 5.25
Philharmonic XXX	30	2-5Z3, 4-6B8G, 1-6E5, 2-6H6G, 6-6J5G, 1-6J7G, 3-6K7G, 4-6L6G, 3-6L7G, 1-6U5/6G5, 2-6U7G, 1-VR150	..	465
Philharmonic FM-AM	33	2-5U4G, 2-6AB7/1853, 4-6B8G, 2-6E5, 1-6F8G, 1-6H6, 2-6H6G, 1-6J5G, 3-6J7G, 4-6K7G, 4-6L6G, 1-6L7G, 1-6SA7, 2-6U7G, 2-7G7/1232, 1-VR150	..	465
Scott Masterpiece	14	1-5U4G, 1-6B8G, 1-6E5, 4-6J5G, 3-6K7G, 1-6L7G, 1-6U7G, 2-6V6G	..	455
Sixteen	16	2-5V4G, 2-6B8G, 1-6E5, 4-6J5G, 3-6K7G, 1-6L7G, 1-6U7G, 2-6V6G	..	465
Standard All Wave	12	5-24A, 4-27, 2-45, 1-80	..	465
Super Twelve	12	1-5Z3, 1-6E5, 2-6F8G, 1-6J5G, 3-6K7G, 1-6L7G, 1-6U7G, 2-6V6G	..	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SCOTT RADIO LABORATORIES, Inc., E. H.—Continued				
Tuner F.M.	10	1-5Y3G, 1-6AB7/1853, 1-6E5, 1-6H6, 2-6J7G, 1-6SA7, 2-7G7/1232, 1-VR150.	..	5.25
XV Model A	15	2-2A3, 1-2A7, 1-5Z3, 1-55, 6-56, 4-58	..	465
XV Model B	15	2-2A3, 1-5Z3, 6-56, 1-57, 4-58, 1-Wunde	..	465
XV Model C	15	2-2A3, 1-5Z3, 6-56, 5-58, 1-Wunde	..	465
XXIII HI-Fidelity	23	4-2A3, 1-5Z3, 1-6A7, 1-6B7, 3-6C6, 2-6D6, 3-39/44, 5-76, 1-83V, 2 Neons	..	465
SEARS, ROEBUCK & COMPANY				
"SILVERTONE"				
F	5	5-01A	..	TRF
FF	6	1-12A, 3-26, 1-27, 1-80	41	TRF
G	6	5-01A, 1-12A	..	TRF
H	7	4-26, 1-27, 1-71A, 1-80	41	TRF
J	8	4-26, 1-27, 2-71A, 1-80	41	TRF
R71, 671	7	1-5Y3G, 1-6F6G, 1-6J5G, 1-6K8G, 1-6Q7G, 2-6U7G	44	455
R81	8	1-5Y3G, 2-6F6G, 1-6K8G, 2-6Q7G, 2-6U7G	44	455
R101	10	1-5Y3G, 1-6J5G, 1-6K8G, 2-6Q7G, 1-6U5/6G5, 2-6U7G, 2-6V6G	44	455
R111	11	1-5X4G, 2-6J5G, 1-6K8G, 2-6Q7G, 1-6U5/6G5, 2-6U7G, 2-6V6G	44	455
R121, 721	12	1-5X4G, 1-6H6G, 2-6J5G, 1-6K8G, 2-6Q7G, 1-6U5/6G5, 2-6U7G, 2-6V6G	44	455
R1021, 1061	6	1-6H4GT, 1-12A8GT, 1-12J7GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	...
R1161	6	1-6K8G, 1-6Q7G, 2-6U7G, 1-25C6G, 1-35Z6G	44	455
R1181	8	1-5Y3G, 1-6F6G, 1-6J5G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 2-6U7G	44	455
R1261, 1561	6	1-5Y3G, 1-6K8G, 1-6Q7G, 2-6U7G, 1-25C6G	44	455
R5501, -A, -B	10	1-5Y3G, 1-6J5G, 1-6K8G, 2-6Q7G 1-6U5/6G5, 2-6U7G, 2-6V6G	44	455
R5561	6	1-5Y3G, 1-6K8G, 1-6Q7G, 2-6U7G, 1-6V6G	44	455
S61	6	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6P5G, 1-6Q7G	44	455
33	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
34	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
35	8	1-6A7, 1-6D6, 2-42, 1-75, 2-76, 1-80	..	456
36	7	1-6A7, 1-6D6, 1-25Z5, 2-43, 1-75, 1-76, 1-11AJ Resistor	..	456
41, 42	6	3-24A, 2-45, 1-80	41	TRF
49, 50	7	3-26, 2-27, 1-71A, 1-80	41	TRF
51	8	3-26, 2-27, 2-71A, 1-80	41	TRF
52, 53, 54	9	6-27, 2-45, 1-80	41	TRF
56	7	2-24A, 2-27, 2-45, 1-80	41	TRF
90	5	4-01A, 1-12A	..	TRF
91	7	5-01A, 2-71A	..	TRF
92	7	3-26, 2-27, 1-71A, 1-80	41	TRF
93	8	3-26, 2-27, 2-71A, 1-80	41	TRF
94, 95	9	6-27, 2-45, 1-80	41	TRF
96	8	3-26, 2-27, 2-71A, 1-80	41	TRF
99	9	6-27, 2-45, 1-80	41	TRF
100	7	2-24A, 2-27, 2-45, 1-80	..	TRF
105	5	4-01A, 1-12A	..	TRF
106	6	2-30, 1-31, 3-32	..	TRF
107	7	2-30, 2-31, 3-32	..	TRF
108	8	3-26, 2-27, 2-71A, 1-80	41	TRF
109	7	3-24A, 1-27, 2-45, 1-80	41	TRF
110	9	6-27, 2-45, 1-80	41	TRF
111	9	4-24A, 2-27, 2-45, 1-80	41	TRF
112, 218	8	3-24A, 2-27, 2-45, 1-80	41	TRF
114, 116	6	3-24A, 2-45, 1-80	41	TRF

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SEARS, ROEBUCK & COMPANY—Continued				
701, R301	10	1-5Y3G, 2-6AC5G, 1-6K8G, 3-6P5G, 1-6Q7G, 1-6U5/6G5, 1-6Q7G	44	455
1130, 1132	7	3-24A, 1-27, 2-45, 1-80	41	TRF
1134	8	4-24A, 1-27, 2-45, 1-80	41	TRF
1150	6	3-24A, 2-45, 1-80	41	TRF
1152, 1154, 1170, 1174	6	3-24A, 2-45, 1-80	41	TRF
1250	5	3-24A, 1-45, 1-80	41	TRF
1252	5	3-24A, 1-47, 1-80	41	TRF
1260	5	3-24A, 2-45, 1-80	41	TRF
1280, 1282	7	4-24A, 1-27, 1-45, 1-80	41	175
1290, 1292, 1300, 1302	6	1-30, 2-31, 3-32	..	TRF
1294, 1296	7	3-30, 3-32, 1-33	..	175
1310, 1312, 1330	7	1-24A, 3-35/51, 2-45, 1-80	41	TRF
1320, 1324, 1326X	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	41	175
1340	6	3-24A, 2-45, 1-80	41	TRF
1360	7	4-24A, 1-27, 1-45, 1-80	41	175
1370, 1371	4	1-24A, 1-35/51, 1-47, 1-80	41	TRF
1380, 1382	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
1386	8	1-24A, 1-27, 3-35/51, 2-47, 1-80	41	175
1390, 1400, 1402, 1404, 1406	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	41	175
1420	6	3-24A, 2-45, 1-80	41	TRF
1430	10	1-24A, 1-27, 4-35/51, 3-47, 1-80	41	175
1442, 1456	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
1450	8	1-24A, 1-27, 3-35/51, 2-47, 1-80	41	179
1454, 1456	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	41	175
1462	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	41	175
1480, 1482, 1484	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	41	175
1490	7	4-24A, 1-27, 1-45, 1-80	41	175
1500, 1502	5	2-24A, 1-35/51, 1-47, 1-80	41	TRF
1506A, 1509A, 1592A, 1592B	6	1-47, 1-55, 1-57, 2-58, 1-80	41	175
1506	6	2-24A, 2-35/51, 1-47, 1-80	41	175
1510	10	1-24A, 1-27, 4-35/51, 3-47, 1-80	41	175
1512X, 1520, 1522, 1522X	10	2-24A, 3-27, 2-35/51, 2-47, 1-80	41	175
1564	7	3-30, 3-32, 1-33	..	175
1570, 1572, 1574	8	2-30, 4-32, 1-33, 1-31 Ballast	..	175
1571, R1171	7	1-6F5G, 1-6J5G, 1-6K8G, 2-6U7G, 1-25C6G, 1-35Z6G	44	455
1580, 1582, 1584	7	1-24A, 1-47, 1-56, 2-58, 1-80	41	175
1581	8	1-5Y3G, 1-6F5G, 1-6F6G, 2-6J5G, 1-6K8G, 1-6U5/6G5, 1-6U7G	44	...
1590, 1592, 1594, 1596	6	2-24A, 1-47, 1-57, 1-58, 1-80 or 2-24A, 1-47, 2-58, 1-80	..	175
1591	9	1-5Y3G, 2-6F6G, 1-6K8G, 2-6Q7G, 1-6U5/6G5, 2-6U7G	44	455
1597, 1598	6	2-36, 1-39/44, 1-80, 2-89	44	175
1600	4	2-24A, 1-27, 1-80	41	1000
1620, 1622	5	1-30, 1-32, 1-33, 1-34	..	TRF
1626	5	1-36, 2-39/44, 1-41, 1-85	44	175
1630	9	3-46, 1-56, 2-57, 1-58, 2-80	41	175
1640	12	4-46, 1-56, 3-57, 3-58, 1-83	41	175
1650	9	1-27, 2-47, 1-56, 4-58, 1-80	41	175
1652, 1654	8	1-27, 2-46, 4-58, 1-80	41	175
1660	5	2-36, 1-39/44, 1-80, 1-89	44	175
1661	6	1-6H4GT, 1-12A8GT, 1-12J7GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	455
1670 Early	11	1-27, 2-47, 2-56, 4-58, 2-80	41	175
1670 Late	11	1-24A, 1-27, 2-47, 2-56, 3-58, 2-80	41	175
1700	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-77	44	175
1702	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
1703	4	1-1V, 1-43, 1-77, 1-78	44	TRF
1704	5	1-1V, 1-6A7, 1-6B7, 1-43, 1-78	44	480

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
1705	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	44	175
1706, 1707	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	44	480
1708	8	1-6A7, 1-37, 2-45, 1-75, 2-78, 1-80	44	175
1708A	8	1-6A7, 3-37, 1-42, 2-78, 1-83V	44	175
1709	8	1-6A7, 1-37, 2-45, 1-75, 2-78, 1-80	44	175
1710, 1711	6	1-30, 1-52 Ballast, 1-950, 3-951	..	175
1711A	6	1-30, 1-52 Ballast, 1-950, 3-951	..	480
1711X	6	1-1E1, 1-30, 2-32, 1-33, 1-34	..	465
1712, 1713	7	1-30, 1-31 Ballast, 1-33, 4-951	..	175
1714	8	3-30, 1-31 Ballast, 1-950, 3-951	..	175
1715	6	1-6A7, 2-41, 1-75, 2-78	44	175
1716	5	2-36, 1-37, 1-38, 1-39/44	..	175
1720	8	1-6A7, 1-37, 2-45, 1-75, 2-78, 1-83V	44	175
1721	11	2-2A3, 4-37, 1-56, 3-78, 1-83V	44	175
1722	12	2-2A3, 2-6B7, 3-37, 1-56, 3-78, 1-83V	44	175
1722 Revised	12	2-2A3, 1-5Z3, 2-6B7, 1-37, 1-56, 4-78, 1-85	44	175
1722X	12	2-2A3, 2-6B7, 1-37, 1-56, 4-78, 1-83V, 1-85	44	175
1724	4	1-25Z5, 1-43, 1-77, 1-78	44	TRF
1725	8	1-6A7, 1-37, 2-45, 1-75, 2-78, 1-83V	44	175
1726	11	2-2A3, 4-37, 1-56, 3-78, 1-83V	44	175
1726X	11	2-2A3, 1-5Z3, 2-37, 1-56, 4-78, 1-85	44	175
1727	5	1-47, 1-57, 2-58, 1-80	41	TRF
1728	4	1-1V, 1-43, 1-77, 1-78	44	TRF
1728A	4	1-25Z5, 1-43, 1-77, 1-78	44	TRF
1729	7	1-6A7, 2-37, 1-41, 2-78, 1-80	44	175
1730	5	1-6A7, 1-41, 2-78, 1-85	44	175
1731	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
1732	12	2-2A3, 2-6B7, 3-37, 1-56, 3-78, 1-83V	44	175
1732 Revised	12	2-2A3, 1-5Z3, 2-6B7, 1-37, 1-56, 4-78, 1-85	44	175
1732X	12	2-2A3, 2-6B7, 1-37, 1-56, 4-78, 1-83V, 1-85	44	175
1733	5	1-1V, 1-6A7, 1-6B7, 1-38, 1-78	..	480
1743, 1743A	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
1744, 1745	6	1-30, 1-52 Ballast, 3-951	..	480
1750	7	1-6A7, 1-6B7, 1-25Z5, 1-37, 2-43, 1-78	44	175
1760 Types 1 & 2	8	1-6A7, 3-37, 1-42, 2-78, 1-83V	44	480
1761	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
1800	4	1-2A5, 1-57, 1-58, 1-80	41	TRF
1801, 1801A	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	44	456
1802A, 1803A	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	445
1804, 1805	7	1-41, 1-47, 1-75, 3-78, 1-80	44	480
1805A	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175
1806	8	1-6A7, 1-37, 2-47, 1-75, 2-78, 1-80	44	445
1807	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	445
1808	7	1-41, 1-47, 1-75, 3-78, 1-80	44	480
1808A, 1809, 1811	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175
1820	7	1-41, 1-47, 1-75, 3-78, 1-80	44	480
1821	11	3-37, 1-41, 2-47, 3-78, 1-80, 1-85	44	480
1822	14	1-5Z8, 2-37, 1-41, 6-45, 1-75, 3-78	44	445
1823	8	1-6A7, 1-37, 2-47, 1-75, 2-78, 1-80	44	445
1824	11	1-37, 4-45, 1-75, 3-78, 1-80	44	445
1825	12	1-5Z3, 2-37, 1-41, 4-45, 1-75, 3-78	44	480
1825A	14	1-5Z3, 6-45, 1-75, 3-76, 3-78	44	175
1826	7	1-41, 1-47, 1-75, 3-78, 1-80	44	480
1826A	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175
1827	11	3-37, 1-41, 2-47, 3-78, 1-80, 1-85	44	480
1828	12	1-5Z3, 2-37, 1-41, 4-45, 1-75, 3-78	44	480
1829	8	1-6A7, 1-37, 2-47, 1-75, 2-78, 1-80	44	445
1830	11	1-37, 1-41, 4-45, 1-75, 3-78, 1-80	44	445
1831	14	1-5Z3, 2-37, 1-41, 6-45, 1-75, 3-78	44	445
1832	11	3-37, 1-41, 2-47, 3-78, 1-80, 1-85	44	480
1832A	11	3-37, 1-41, 2-47, 3-78, 1-80, 1-85	44	445
1833	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175
1835	9	1-2A5, 3-56, 1-57, 3-58, 1-80	41	445
1840	9	1-2A5, 3-56, 1-57, 3-58, 1-80	41	480
1841	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175
1842	9	1-2A5, 3-56, 1-57, 3-58, 1-80	41	480
1845	7	1-2A6, 1-47, 2-56, 2-58, 1-80	41	175

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SEARS, ROEBUCK & COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
1850, 1850A, 1851, 1862, 1868, 1868A, 1870	6	2-30, 1-32, 1-33, 2-951	..	175
1852, 1853	6	1-30, 1-52 Ballast, 1-950, 3-951	..	480
1854, 1854A	10	4-30, 1-31 Ballast, 2-950, 3-951	..	175
1855	5	1-6A7, 1-6B7, 1-38, 1-78, 1-84/6Z4	44	480
1857, 1857A	8	2-30, 1-31 Ballast, 1-32, 1-33, 3-951	..	175
1858	5	1-6A7, 1-41, 2-78, 1-85	44	175
1859A	4	1-6A7, 1-6B7, 1-6D6, 1-41	44	370
1860	5	1-6A7, 1-6D6, 1-38, 1-75, 1-84/6Z4	44	465
1862	6	1-30, 1-32, 1-33, 2-951, 1-30 Ballast	..	480
1863	6	1-6A7, 2-6D6, 2-48, 1-85	44	175
1864	5	1-6A7, 1-41, 2-78, 1-85	44	175
1867	8	2-30, 1-32, 1-33, 3-951, 1-31 Ballast	..	175
1868	6	1-30, 1-32, 1-33, 2-951, 1-30 Ballast	..	480
1869X	5	1-41, 1-75, 1-77, 1-78, 1-84/6Z4	44	456
1870	6	1-30, 1-32, 1-33, 2-951, 1-30 Ballast	..	480
1871	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
1900	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
1900, 1910	9	1-1A6, 2-2A5, 2-56, 1-57, 2-58, 1-80	41	480
1903	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	456
1904, 1904A	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1905	9	1-6C5G, 1-6D6, 2-6F6G, 2-6K7, 1-41, 1-75, 1-80	44	175
1906, 1908	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1907, 1939, 1957	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	44	456
1909	7	1-5Z4G, 1-6A8G, 1-6C5G, 2-6F6G, 1-6K7G, 1-6Q7G	44	175
1910	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
1911	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1912	7	1-5Z4G, 1-6A8G, 1-6C5G, 2-6F6G, 1-6K7G, 1-6Q7G	44	175
1914	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1915	9	1-6C5G, 1-6D6, 2-6F6G, 2-6K7, 1-41, 1-75, 1-80	44	175
1917	10	1-5Z3, 1-6C5G, 2-6F6G, 2-6K7G, 1-75, 1-76, 2-78	44	385
1918	12	1-5Z3, 1-6A7, 2-6C5G, 1-6D6, 2-6K7G, 4-45, 1-75	44	385
1918A	12	1-5Z3, 1-6A8G, 2-6C5G, 3-6K7G, 4-45, 1-75	44	385
1919, 1929, 1982A, 1999	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1G1, 1-30, 1-950	..	175
1920, 1926	5	1-1A4T, 1-1B1, 1-1C6, 1-32, 1-950	..	480
1921, 1931	6	2-30, 1-32, 1-33, 2-951	..	175
1922	6	1-1A2, 1-30, 1-32, 1-33, 2-951	..	175
1922A	6	1-1A4T, 1-1C6, 1-1G1, 1-30, 1-32, 1-950	..	175
1923	8	2-1A4T, 1-1C6, 1-1E1, 2-30, 1-32, 1-950	..	175
1924, 1934	6	1-1C6, 1-19, 2-30, 2-34	47	465
1925	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	44	456
1926, 1928	5	1-1A4T, 1-1B1, 1-1C6, 1-32, 1-950	..	480
1927X	7	1-1C6, 1-19, 2-30, 2-34, 1-6/1 Ballast	..	456
1930	7	1-6A7, 1-6C5, 1-6F6, 1-6K7, 1-75, 1-76, 1-80	44	175
1932	6	1-1A2, 1-30, 1-32, 1-33, 2-951	..	175
1932A	6	1-1A4T, 1-1C6, 1-1G1, 1-30, 1-32, 1-950	..	175
1933	8	2-1A4T, 1-1C6, 1-1E1, 2-30, 1-32, 1-950	..	175
1933A	7	1-1A4T, 1-1B5/25S, 1-1C6, 1-1E1, 2-30, 1-950	..	175
1935	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	44	456
1936	10	2-1A4T, 1-1C6, 1-1F1, 2-30, 1-32 or 951, 2-950	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SEARS, ROEBUCK & COMPANY—Continued				
1937X	7	1-1C6, 1-19, 2-30, 2-34, 1-6/1 Ballast	..	456
1938	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1940	7	1-6A7, 1-6C5, 1-6F6, 1-6K7, 1-75, 1-76, 1-80	44	175
1941	9	1-5Y3G, 1-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6L7	44	262.5
1942, 1944	8	1-5Z4G, 1-6A8G, 1-6C5G, 1-6E5, 2-6F6G, 1-6K7G, 1-6Q7G	44	175
1945	10	1-5Z4G, 2-6C5G, 1-6E5, 2-6F6G, 2-6K7G, 1-6L7G, 1-6Q7G	44	385
1946	13	1-5Z4G, 4-6C5G, 1-6E5, 1-6F5G, 2-6F6G, 3-6K7G, 1-6L7G	44	385
1947, 1948	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1G1, 1-30, 1-950	41	175
1949, 1949A	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	44	456
1953	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	456
1954	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1954X	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-80	44	456
1955	9	1-6C5G, 1-6D6, 2-6F6G, 2-6K7, 1-41, 1-75, 1-80	44	175
1956	7	1-6A7, 1-6C5, 1-6F6, 1-6K7, 1-75, 1-76, 1-80	44	175
1956X	7	1-6A6, 1-6A8, 2-6F6, 1-6H6, 1-6K7, 1-80	44	456
1962	7	1-5Z4G, 1-6A8G, 1-6C5G, 2-6F6G, 1-6K7G, 1-6Q7G	44	175
1964, 1964A	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1965	9	1-6C5G, 1-6D6, 2-6F6G, 2-6K7, 1-41, 1-75, 1-80	44	175
1967	10	1-5Z3, 1-6C5G, 2-6F6G, 2-6K7G, 1-75, 1-76, 2-78	44	385
1967A	10	1-5Z3, 2-6C5G, 2-6F6G, 3-6K7G, 1-6L7G, 1-75	44	385
1968	12	1-5Z3, 1-6A7, 2-6C5G, 1-6D6, 2-6K7G, 4-45, 1-75	44	385
1968A	12	1-5Z3, 1-6A8G, 2-6C5G, 3-6K7G, 4-45, 1-75	44	385
1970A	7	1-6A7, 1-6C5, 1-6F6, 1-6K7, 1-75, 1-76, 1-80	44	175
1972	8	1-5Z4G, 1-6A8G, 1-6C5G, 1-6E5, 2-6F6G, 1-6K7G, 1-6Q7G	44	175
1978, 1980, 1980A	5	1-1A4T, 1-1B1, 1-1C6, 1-32, 1-950	..	480
1981, 1981C	9	1-5Y3G, 1-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6L7	44	262.5
1982	6	1-1A2, 1-30, 1-32, 1-33, 2-951	..	175
1982A	6	1-1A4T, 1-1C6, 1-1G1, 1-30, 1-32, 1-950	..	175
1983	8	2-1A4T, 1-1C6, 1-1E1, 2-30, 1-32, 1-950	..	175
1983A	7	1-1A4T, 1-1B5/25S, 1-1C6, 1-1E1, 2-30, 1-950	.	175
1984	6	1-6A7, 1-6C5G, 1-6F6G, 1-6K7G, 1-75, 1-84/6Z4	44	175
1985	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	44	456
1986, 1987	6	1-6A7, 1-6B5, 1-6F5G, 1-6H6G, 1-78, 1-84/6Z4	44	262
1988	5	1-1V, 1-6A7, 1-6B5, 1-6D6, 1-75	44	465
1989	4	1-1A4T, 1-1C6, 1-1F4, 1-951	..	465
1992	6	1-1A4T, 1-30, 1-32, 1-33, 2-951	..	175
1992A	6	1-1A4T, 1-1C6, 1-1G1, 1-30, 1-32, 1-950	..	175
1992X	6	1-1B5/25S, 1-1C6, 1-1K1, 1-30, 1-34	..	465
1993	8	2-1A4T, 1-1C6, 1-1E1, 2-30, 1-32, 1-950	..	175
1993X	7	1-1C6, 1-19, 2-30, 2-34, 1-6/1 Ballast	..	465
1995	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	44	456
1996	10	2-1A4T, 1-1C6, 1-1F1, 3-30, 1-32 or 951, 2-950	..	175
1998	7	1-5Z4G, 1-6A8G, 1-6C5G, 2-6F6G, 1-6K7G, 1-6Q7G	44	262

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
2061, 2421	6	1-1C7G, 1-1D5GP, 1-1F7G, 1-1H4G, 1-6AB5/6N5, 1-6G6G	..	455
2511, 2611, 2711	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
2541, 2641, 2741	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
2551, 2651, 2751	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
2761	6	2-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
3041, 3141, 3241	4	1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	...
3051, 3151, 3251	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	..	455
3061, 3161, 3261, 1521, 3321, 3421, 3521, 3721	6	2-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
3311, 3411, 3511, 3351, 3451, 3551	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z4GT	C7	455
3341, 3441, 3541	4	1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	TRF
3361, 3461, 3561, 3621	6	2-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
3651, 3751, 3851	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
3661, 3761, 3861, 1612	6	2-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
3972	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	44	465
4104	5	3-24A, 1-45, 1-80	41	TRF
4400	6	2-6D6, 1-6L7, 1-42, 1-75, 1-76	44	465
4400A	6	1-6B5, 2-6D6, 1-6L7, 1-75, 1-76	44	465
4401, 4402	5	1-1V, 1-6A7, 1-6B5, 1-6D6, 1-75	44	465
4403	6	1-6A7, 1-6B5, 1-6F5G, 1-6H6G, 1-78, 1-84/6Z4	44	262
4404	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4405 1st	6	1-1A4T, 1-1B5/25S, 1-1F4, 1-6A7, 1-30, 1-84/6Z4	44	465
4405 2nd	6	1-1D5GT, 1-1F5G, 1-1H4G, 1-1H6G, 1-6A8G, 1-6X5G	44	465
4406	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4407 1st	6	1-1A4T, 1-1B5/25S, 1-1F4, 1-6A7, 1-30, 1-84/6Z4	44	465
4407 2nd	6	1-1D5GT, 1-1F5G, 1-1H4G, 1-1H6G, 1-6A8G, 1-6X5G	44	465
4408	4	1-1A4T, 1-1C6, 1-1F4, 1-951	..	465
4409	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1P1, 1-30	..	465
4410, 4411	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4413	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1P1, 1-30	..	465
4420	4	1-1A4T, 1-1C6, 1-1F4, 1-951	..	465
4424, 4425	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4428 1st	6	1-1A4T, 1-1B5/25S, 1-1F4, 1-6A7, 1-30, 1-84/6Z4	44	465
4428 2nd	6	1-1D5GT, 1-1F5G, 1-1H4G, 1-1H6G, 1-6A8G, 1-6X5G	44	465
4442, 4443	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1P1, 1-30	..	465
4444, 4445	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4448 1st	6	1-1A4T, 1-1B5/25S, 1-1F4, 1-6A7, 1-30, 1-84/6Z4	44	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
4448 2nd	6	1-1D5GT, 1-1F5G, 1-1H4G, 1-1H6G, 1-6A8G, 1-6X5G	44	465
4461, 4462	5	1-1V, 1-6A7, 1-6B5, 1-6D6, 1-75	44	465
4463, 4484	6	1-6A7, 1-6B5, 1-6F5G, 1-6H6G, 1-78, 1-84/6Z4	44	262
4520	4	1-1A4T, 1-1C6, 1-1F4, 1-951	..	262
4522, 4523	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1P1, 1-30	..	465
4524	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1N1, 1-30	..	465
4542, 4543	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-1F4, 1-1P1, 1-30	..	465
4544	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-1F5, 1-1N1, 1-30	..	465
4548 1st	6	1-1A4T, 1-1B5/25S, 1-1F4, 1-6A7, 1-30, 1-84/6Z4	44	465
4548 2nd	6	1-1D5GT, 1-1F5G, 1-1H4G, 1-1H6G, 1-6A8G, 1-6X5G	44	465
4563, 4564, 4584	6	1-6A7, 1-6B5, 1-6F5G, 1-6H6G, 1-78, 1-84/6Z4	44	262
4600	6	1-6A8G, 1-6N6G, 1-6Q7G, 2-6U7G, 1-6X5G	44	262
4601	7	1-6A8G, 1-6J5G, 1-6N7G, 3-6U7G, 1-6X5G	44	262
4602, 4603, 4620, 4621, 4630, 4631, 4720, 4730	4	1-1C7G 1-1D5GP, 1-1F7G, 1-1G5G	..	465
4604, 4605, 4606, 4607, 4624, 4625, 4626, 4627, 4634, 4635, 4636, 4637, 4646, 4647, 4724, 4726, 4746	6	1-1C7G, 2-1D5GP, 2-1H4G, 1-1J6G	..	465
4608, 4609, 4628, 4629, 4638, 4639, 4648, 4649, 4728, 4748	8	1-1C7G, 3-1D5GP, 1-1H4G, 1-1H6G, 2-1J6G	..	465
4610, 4669, 4769, 4789	8	1-5Y3G, 1-6B6G, 1-6J5, 2-6K7, 1-6L7G, 1-6U5/6G5, 1-6V6G	44	465
4611, 4660	6	1-6A8G, 1-6B6G, 1-6K7G, 1-6U5/6G5, 1-6X5G, 1-25L6G	44	465
4612A, 6162	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	40	465
4614, 4651	8	1-1J6G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6T7G or 6Q6G, 6ZY5G, 2-15	47	465
4619	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	40	465
4622	4	1-1C7G, 1-1D5GP, 1-1F5, 1-6T7G	..	465
4623, 4643, 4743, 4613, 4723	6	1-1D5GP, 1-1H4G, 1-6AB5/6N5, 1-6D8G, 1-6F5G, 1-6T7G	..	465
4632A, 4633A, 6014, 6015, 6044, 6045, 6064, 6144, 6164	6	1-1C7G, 1-1F7G, 3-1H4G, 1-4A6G	14	465
4640, 4650, 4740, 4750	7	1-1C7G, 2-1D5GP, 1-1F7G or 1F7GV, 1-1H4G, 1-1J6G, 1-6AB5/6N5	44	465
4663, 4763 (101.471)	6	1-6A8G, 1-6B6G, 1-6K7G, 1-6U5/6G5, 1-6V6G, 1-6X5G	44	465
4663, 4763	6	1-6A8G, 1-6B6G, 1-6K7G, 1-6U5/6G5, 1-6V6G, 1-6X5G	44	456
4664, 4764, 4784	7	1-6A8G, 1-6B6G, 2-6K7G, 1-6U5/6G5, 1-6V6G, 1-6X5G	44	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
4665, 4685, 4765, 4785	8	1-5Y3G, 1-6B6G, 1-6J5G, 2-6K5G, 1-6L7G, 1-6U5/6G5, 1-6V6G	44	465
4666, 4686, 4786, 4786, 4791, 4792	10	1-5Y3G, 1-6A8G, 1-6J5G, 2-6K7G, 2-6Q7G, 1-6U5/6G5, 2-6V6G	44	465
4667, 4677, 4767, 4777, 4798	8	1-5Y3G, 1-6B6G, 1-6J5G, 2-6K7G, 1-6L7G, 1-6U5/6G5, 1-6V6G	44	465
4668	6	1-6A7, 1-6D6, 1-41, 2-76, 1-80	40	456
4680, 4790	10	1-5Y3G, 1-6A8G, 1-6J5G, 2-6K7G, 2-6Q7G, 1-6U5/6G5, 2-6V6G	44	465
4681, 4781	10	1-5Y3G, 2-6J5G, 2-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5, 2-6V6G	44	465
4687, 4787	12	1-5X4G, 1-6B8G, 1-6C8G, 1-6H6G, 1-6J5G, 1-6J7G, 2-6K7, 1-6L7G, 1-6U5/6G5, 2-6V6G	44	465
4688, 4788, 4799	14	1-5U4G, 3-6C5G, 2-6H6G, 1-6J7G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G	44	465
4700	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	44	456
4760, 4761, 4770, 4771	5	1-6A8G, 1-6B6G, 1-6K7G, 1-6X5G, 1-25L6G	44	465
4762, 4772	5	1-6A8G, 1-6B6G, 1-6K7G, 1-25L6G, 1-25Z6G	47	465
4776, 4796	6	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	44	460
4786	10	1-5Y3G, 1-6A8G, 1-6J5G, 2-6K7G, 2-6Q7G, 1-6U5/6G5, 2-6V6G	44	465
5278	9	2-6J7, 2-6L6, 3-6N7, 2-6X3	..	...
5280, 5281, 5282	7	1-5V4, 2-6J7, 2-6N7, 2-6V6	..	...
5581	8	1-5Y3G, 2-6F6G, 1-6K8G, 2-6Q7G, 2-6U7G	44	455
5661	6	1-5Y3G, 1-6K8G, 1-6Q7G, 2-6U7G, 1-6V6G	44	455
5701, 5741	4	1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z4GT	..	...
5710, 5710A, 5711, 5711A	10	1-6J5G, 1-6J7G, 3-6K7, 1-6L7, 1-6Q7G, 1-6U5/6G5, 1-6V6G, 1-80	51	465
5711	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	...
5727, 5728	12	2-6J5, 2-6J7, 3-6K7, 1-6Q7G, 2-6V6G, 1-80	51	465
5731, 5761	7	1-5Y3G, 1-6A8G, 2-6Q7G, 1-6U5/6G5, 1-6U7G, 1-6V6G	..	455
5737	6	1-6J7, 2-6L6, 2-6N7, 1-6W5G	47	...
5751	5	1-12A8GT, 1-12K7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	47	455
5752, 5753	9	2-6J7G, 3-6K7, 1-6K8G, 1-6Q7G, 1-6V6G, 1-80	47	465
5771	7	1-12K7GT, 1-12SA7GT, 2-12SQ7GT, 2-35L6GT, 1-35Z6G	47	455
5827	3	1-6K6G, 1-6Q7G, 1-80	44	...
5848 Record Player	2	1-35L6GT, 1-35Z5GT	51	...
6002, 6021, 6031, 6121, 6131	6	1-5W4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	44	465
6003, 6004, 6024, 6034, 6124, 6134	8	1-5Y3G, 1-6A8G, 1-6F5G, 1-6H6G, 1-6J5G, 1-6U5/6G5, 1-6U7G, 1-6V6G	44	465
6005, 6071, 6075, 6076, 6171, 6176	6	1-1C7G, 1-1D5GP, 1-1F7G or 1F7GV, 1-1H4G, 1-6AB5/6N5, 1-6G6G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
6008, 6009, 6018, 6019, 6048, 6049, 6068, 6069, 6148, 6168	7	1-1C7G, 1-1D5GP, 1-1F7G, 3-1H4G, 1-4A6G	..	465
6010, 6040	4	1-1C7G, 1-1D5GP, 1-1F7G or 1F7GV, 1-1G5G	..	465
6016, 6017, 6046, 6047	6	1-1C7G, 1-1F7GH, 3-1H4G, 1-4A6G	..	465
6022, 6122, 6132	7	1-6B6G, 1-6H6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25L6G, 1-25Z6G	44	465
6023, 6123	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25L6G, 1-25Z6G	40	465
6028	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7, 1-6Q7G	..	455
6036, 6136	10	1-5Y3G, 1-6A8G, 2-6J5G, 1-6Q7G, 1-6U5/6G5, 2-6U7G, 2-6V6G	44	465
6038, 6138	13	1-5X4G, 1-6AD6G, 1-6AE6G, 1-6A8G, 2-6B8G, 1-6H6G, 2-6J5G, 2-6U7G, 2-6V6G	44	465
6052, 6053	6	1-1C7G, 1-1F6GH, 1-1G5G, 3-1H4G	..	465
6054, 6055	4	1-1C7G, 1-1D5GP, 1-1F7G or 1F7GV, 1-1G5G	..	465
6056, 6057	5	1-1C7G, 1-1F7G, 1-1G5G, 2-1H4G	..	455
6070, 6170	5	1-1C7G, 1-1D5GP, 1-1F5G, 1-6AB5/6N5, 1-6T7G	..	465
6072, 6077, 6172	6	1-1C7G, 1-1D5GP, 1-1F6GV or 1F7G, 1-1H4G, 1-6AB5/6N5, 1-6G6G	..	465
6073, 6173	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	44	465
6074, 6079	7	1-1J6G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6T7G, 1-6ZY5G, 1-15	40	465
6102, 6103, 6105	5	2-6D6, 1-6F5G, 1-12Z3, 1-25L6G	..	TRF
6104	5	1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6X5	51	455
6106, 6107, 6108, 6116	4	1-12F5GT, 1-12K7GT, 1-35L6GT, 1-35Z4GT	47	...
6110, 6111, 6112, 6113, 6118	5	1-1V, 1-6J7, 2-6K7, 1-25A6G	..	TRF
6114, 6115	5	1-6J7, 2-6K7, 1-25A6G, 1-25Z6G	44	TRF
6125, 6135	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25L6G, 1-26Z6G	44	465
6130	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25B6G, 1-25Z6G, 1-BK42B Resistor	40	455
6133, 6137, 6139, 6141, 6199, 6202, 6208, 6252, 6253	8	1-6F5G, 2-6J5G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-6W5G, 1-6Y6G	44	455
6140, 6152, 6153	10	1-5Y3G, 1-6A8G, 1-6H6G, 2-6J5G, 1-6Q7G, 1-6U5/6G5, 1-6U7G, 2-6V6G	44	465
6146, 6206	6	1-1C7G, 1-1F7G, 3-1H4G, 1-4A6G	14	465
6151	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25B6G, 1-25Z6G	44	455
6155, 6156, 6254	11	1-5Y3G, 1-6A8G, 4-6J5G, 1-6Q7G, 1-6U5/6G5, 1-6U7G, 2-6V6G	44	455
6157	11	1-5Y3G, 1-6A8G, 1-6F5G, 2-6F6G, 1-6H6G, 2-6J5G, 2-6K7G, 1-6U5/6G5	44	465
6158, 6159, 6192	11	1-5Y3G, 1-6A8G, 3-6J5G, 1-6Q7G, 1-6U5/6G5, 2-6U7G, 2-6V6G	44	455
6160, 6161, 6163, 6175	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	47	455
6177, 6178, 6179, 6185	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z4GT	47	455
6190	6	1-0Z4G, 1-6A8, 1-6K6G, 1-6K7, 1-6SK7, 1-6SQ7	51	260
6195, 6196, 6197	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	47	TRF

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SEARS, ROEBUCK & COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
6200, 6120, 6126, 6127, 6119, 6250.	6	1-6B6G, 1-6J8G, 1-6U5/6G5, 1-25B6G, 1-25Z6G, 1-BK42B Resistor	40	455
6208, 6209	7	1-1D7G, 1-1F7G, 3-1H4G, 1-1H6G, 1-4A6G	14	455
6210	5	1-1C7G, 1-1D5GP, 1-1F5G, 1-6AB5/6N5, 1-6T7G	..	465
6214, 6270	6	1-1C7G, 1-1D5GP, 1-1F7G, 1-1H4G, 1-6AB5/6N5, 1-6G6G	44	455
6218, 6271, 6272	7	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	44	455
6225 Remote Control	3	1-6B8, 1-6K8, 1-25Z6	..	1570
6226 Record Player	2	1-6A7, 1-25Z5	46	...
6233	2	1-12A8GT, 1-35Z4GT, 1-26-22 Resistor	44	530-625
6251, 6128, 6025, 6201	7	1-6F5G, 1-6J5G, 1-6J7G, 1-6J8G, 1-6U5/6G5, 1-6U7G, 1-25Z6G	44	455
6256	4	1-1A7, 1-1C5, 1-1H5G, 1-1NG5	..	455
6260	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
6261, 6262	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
6263, 6264, 6265	6	1-1A7G, 1-1G4G, 1-1G6G, 1-1H5G, 2-1N5G	..	455
6266	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
6274	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z5GT	..	455
6275, 6276, 6277	4	1-1C7G, 1-1D5GP, 1-1F7G or 1F7GV, 1-1G5G	..	465
6301	7	1-0Z4G, 1-6A8, 1-6K7, 1-6R7, 1-6SK7, 2-6V6G	51	260
6302	6	1-0Z4G, 1-6A8GT, 2-6K7GT, 1-6Q7GT, 1-6V6G	51	455
6303	4	1-6SA7, 1-6SK7, 1-6SQ7, 1-6V6GT	51	455
5320	6	1-6H4GT, 1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
6321, 6322, 6323, 6421	6	1-6F5G, 1-6J5G, 1-6K8G, 1-6U7G, 1-25L6G, 1-25Z6G	44	455
6324, 6424, 6493	7	1-6F5G, 1-6J5G, 1-6K8G, 1-6U5/6G5, 1-6U7G, 1-25L6G, 1-25Z6G	44	455
6325, 6425	8	1-6F5G, 2-6J5G, 1-6K8G, 1-6U5/6G5, 1-6U7G, 1-25B6G, 1-25Z6G	47	455
6326	5	1-12F5GT, 1-12J5GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	51	...
6326A	5	2-12J7GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	...
6327, 6329	6	1-6H4GT, 1-12A8GT, 1-12J7GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	..
6335, 6435, 6490, 6495	8	1-6J5G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-6U7G, 2-25L6G, 1-25Z6G	47	455
6336, 6436	10	1-5Y3G, 2-6AC5G, 1-6K8G, 3-6P5G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	44	455
6337, 6437, 6437A	13	1-5X4G, 2-6AC5G, 1-6F5G, 1-6K8G, 5-6P5G, 1-6U5/6G5, 2-6U7G	44, 51	455
6345, 6345A	6	1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6V6G, 1-6X5G	51	455
6346, 6346A, 6446.	11	1-5X4G, 2-6AC5G, 1-6K8G, 3-6P5G, 1-6Q7G, 1-6U5/6G5, 2-6U7G	44	455
6350, 6351, 6352, 6372, 6373	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
6353, 6354, 6355, 6356, 6357, 6358.	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
6359, 6360, 6361, 6363, 6364, 6379, 6380, 6381	6	1-1A7G, 1-1G4G, 1-1G6G, 1-1H5G, 2-1N5G	14	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SEARS, ROEBUCK & COMPANY—Continued				
6368, 6382	7	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	51	455
6400, 6401, 6402	4	1-12F5GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	1400
6403, 6404, 6405, 6406, 6407, 6408, 6409, 6492, 6496 AC-DC	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	455
6438, 6438A, 6439, 6440	11	1-5X4G, 2-6AC5G, 1-6K8G, 3-6P5G, 1-6Q7G, 1-6U5/6G5, 2-6U7G	44	455
6441	9	1-6J5G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 2-6U7G, 2-25C6G, 1-25Z6G	47	455
6447	6	1-6AF5G, 1-6B6G, 1-6K8G, 1-6U7G, 1-25AC5G, 1-25Z6G	44	455
6490A	8	1-6J5G, 1-6K8G, 1-6Q7G, 1-6U5/6G5, 1-6U7G, 2-25L6G, 1-25Z6G	47	455
6497	11	1-5X4G, 2-6AC5G, 1-6K8G, 3-6P5G, 1-6Q7G, 1-6U5/6G5, 2-6U7G	44	455
6541	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
6551	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-50Y6GT	..	455
6561, 6661	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-50Y6GT	..	455
6621, 6761A, 6921	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-117Z6GT	..	455
6651	5	2-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
6751	5	1-1A5G, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-25Z6GT	..	455
6751A	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-117Z6GT	..	455
6861	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-50Y6GT	..	455
7000, 7001, 7002, 7012	10	2-24A, 3-27, 2-35/51, 2-47, 1-80	41	175
7003	10	4-27, 3-35/51, 2-47, 1-80	..	175
7004	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
7005	6	2-24A, 2-35/51, 1-47, 1-80	..	175
7006	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
7007, 7011, 7013	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	41	525
7020	5	2-24A, 1-35/51, 1-47, 1-80	41	TRF
7021, 7022, 7023, 7024, 7025, 7026	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	41	175
7030	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	41	175
7042	5	1-47, 1-55, 1-57, 1-58, 1-80	41	262
7043, 7044, 7045, 7046, 7047	10	3-27, 2-35/51, 2-47, 1-56, 1-57, 1-80	41	175
7048	5	1-47, 2-57, 1-58, 1-80	41	175
7049	6	1-24A, 2-35/51, 1-47, 1-57, 1-80	41	175
7050	6	2-36, 1-39/44, 1-80, 2-89	44	175
7051	4	2-24A, 1-47, 1-80	41	TRF
7052	4	1-36, 1-37, 1-38, 1-39/44	44	TRF
7053	8	1-27, 2-35/51, 1-47, 2-56, 1-57, 1-80	41	175
7055, 7055A, 7055L, 7060, 7060A	5	1-25Z5, 1-36, 2-38, 1-39/44	..	262
7057	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	262
7058	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	465
7062	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-77	..	175
7063	5	1-6A7, 1-6B7, 1-6E7, 1-41, 1-84/6Z4	44	456
7063	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	44	456
7064	4	1-1V, 1-43, 1-77, 1-78	..	TRF
7065	8	1-6A7, 1-37, 2-45, 1-75, 2-78, 1-83V	44	175
7066	10	3-26, 3-56, 1-57, 2-58, 1-80	..	175
7068	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	44	265

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SEARS, ROEBUCK & COMPANY—Continued				
7070, 7071, 7072, 7073, 7074	5	1-1V, 1-6A7, 1-6B7, 1-43, 1-78	..	480
7075, 7076, 7077, 7078, 7091, 7092, 7093, 7094	5	1-6A7, 1-6B7, 1-25Z5, 1-43, 1-78	..	480
7080, 7081	14	2-46, 7-56, 4-58, 1-82	41	175
7082	10	3-46, 3-56, 1-57, 2-58, 1-80	41	175
7083, 7083A, 7083B, 7083C, 7083D, 7101, 7109	12	3-6D6, 2-25Z5, 2-37, 4-43, 1-85	44	175
7084	4	1-6D7, 1-6E7, 1-25Z5, 1-43	44	TRF
7085	5	1-6D6, 2-6E7, 1-25Z5, 1-43	44	TRF
7090	6	1-30, 1-52 Ballast, 1-950, 3-951	..	175
7090A	6	1-30, 1-52 Ballast, 1-950, 3-951	..	480
7102	5	1-47, 1-57, 2-58, 1-80	41	456
7106	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	456
7108	5	1-37, 1-38, 1-77, 2-78	44	465
7110	4	1-12Z3, 1-38, 1-77, 1-78	44	TRF
7111	8	1-53, 1-55, 2-56, 3-58, 1-80	41	175
7111X, 7112, 7114	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	456
7116	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
7117	4	1-6A7, 1-6B7, 1-6D6, 1-41	44	370
7118	8	1-6A7, 3-37, 1-42, 2-78, 1-83V	44	175
7119, 7120	6	1-2A5, 1-2A6, 1-2A7, 2-58, 1-80	41	465
7121	4	1-2A5, 1-57, 1-58, 1-80	41	TRF
7124	7	1-2A5, 1-2A6, 1-56, 1-57, 2-58, 1-80	41	456
7125	10	2-2A3, 1-2B7, 1-5Z3, 2-56, 1-57, 3-58	41	465
7126	4	1-12Z3, 1-38, 1-77, 1-78	44	TRF
7127	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
7128	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	44	175
7129, 7138	8	1-6A7, 3-37, 1-42, 2-78, 1-80	44	480
7130	4	1-12Z3, 1-38, 1-77, 1-78	44	TRF
7132	7	1-2A5, 1-2A6, 1-56, 1-57, 2-58, 1-80	41	456
7133	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
7134	4	1-2A5, 1-57, 1-58, 1-80	41	TRF
7135	4	1-25Z5, 1-43, 1-77, 1-78	44	TRF
7136, 7137, 7139, 7140	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	41	456
7141, 7142	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	44	456
7143	9	2-2A5, 1-2A6, 2-56, 1-57, 2-58, 1-80	41	456
7144	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
7145	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	44	480
7146	5	1-6A7, 1-43, 1-75, 1-78, 1-84/6Z4	44	480
7147	6	2-30, 1-32, 1-33, 2-951	..	175
7148	6	1-41, 1-42, 1-75, 2-78, 1-80	44	480
7149	6	1-6A7, 1-6B7, 1-41, 2-78, 1-84/6Z4	44	175
7150	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	44	456
7151, 7159	6	1-6A7, 1-42, 1-75, 2-78, 1-80	44	370
7152	4	1-25Z5, 1-43, 1-77, 1-78	..	TRF
7153	4	1-2A5, 1-57, 1-58, 1-80	41	TRF
7154, 7155	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
7156	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	44	175
7157	5	1-41, 1-75, 1-77, 1-78, 1-84/6Z4	44	456
7158	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
7161, 7162	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	44	456
7163	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-78	44	370
7164	14	1-5Z4, 2-37, 1-41, 6-45, 1-75, 3-78	44	445
7165, 7165X	4	1-6C6, 1-6D6, 1-12Z3, 1-38	..	TRF
7166	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-55B2 Resistor	44	TRF
7166X	4	1-6C6, 1-6K7, 1-25Z5, 1-43, 1-55B2 Resistor	44	TRF
7166A	5	2-6D6, 1-6J7G, 1-25Z5, 1-43	44	TRF
7167	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	44	456
7168	5	2-6D6, 1-6J7G, 1-25Z5, 1-43	..	TRF
7169	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	44	456
7170, 7170A	7	1-6D6, 1-6K7, 1-6L7, 1-42, 1-75, 1-76, 1-80	44	262.5
7171	6	1-6A7, 1-6D6, 1-6F5G, 1-6H6G, 1-42, 1-80	44	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
7172, 7184	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	44	456
7172X	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	456
7173, 7183	4	1-6C6, 1-6D6, 1-12Z3, 1-38	44	TRF
7176	5	1-6K7, 1-25Z5, 1-43, 2-76	44	TRF
7177	5	2-6D6, 1-6J7, 1-25Z5, 1-43	44	TRF
7178	4	1-6C6, 1-6D6, 1-25Z5, 1-43	44	TRF
7179, 7190	7	1-6A7, 1-6C6, 1-6D6, 1-6E5, 1-6H6, 1-41, 1-80	44	480
7185, 7185A, 7186, 7211	4	1-6C6, 1-6D6, 1-38, 1-76	51	TRF
7212, 7212A	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5	51	TRF
7213	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55HG Resistor	51	TRF
7214	5	1-6A7, 1-6D6, 1-1V, 1-25L6G, 1-75	51	456
7215, 7220	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
7219	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-M55HG Resistor	51	TRF
7221	10	1-5U4G, 1-6A8G, 2-6F5G, 2-6F6G, 1-6H6G, 2-6K7G, 1-6U5/6G5	..	465
7225	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-M49HG Resistor	51	456
7226	6	1-6A7, 1-6D6, 1-25L6G, 2-25Z5, 1-75, 1-M22HG Resistor	51	456
7227, 7243	5	1-6A8G, 1-6U7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-M49HG Resistor	51	455
7228	10	1-5U4G, 1-6A8G, 1-6F5G, 2-6F6G, 1-6J8G, 2-6K7G, 1-6Q7G, 1-6U5/6G5	44	455
7230	6	1-5Y3G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G, 1-6K8	44	455
7231, 7232	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L49BJ Resistor	44	456
7237, 7239	9	2-6F6G, 1-6J7G, 1-6K7, 1-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5, 1-80	44	465
7241	6	1-6A8G, 1-6D6, 1-6K5G, 1-6V6G, 1-76, 1-80	44	455
7242, 7242A	8	1-6A8G, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	44	455
7244	5	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-76, 1-M49HG Resistor	44	...
7245	7	1-6A7, 1-6D6, 1-6K8G, 1-6U5/6G5, 1-6V6G, 1-75, 1-80	47	465
7246, 7251	6	1-6H4GT, 1-12A8GT, 1-12F5GT, 1-12K7GT, 1-35L6GT, 1-35Z5GT	47	...
7300 Export	5	1-5Y3G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SQ7	44	455
7305, 7306, 7307 Export	7	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
7310, 7312 Export	9	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 2-6SK7, 1-6SQ7, 1-6U5/6G5	44	465
7315	5	1-5Y3G, 1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	51	455
7807	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
7814	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z4GT	..	465
8906, 8907, 8908, 8909, 8910, 8911, 8912, 8913, 8914	5	1-5V4G, 1-6J7G, 2-6V6G, 1-6Y7G	51	...
8915, 8916, 8917, 8918, 8919, 8920	6	1-6J7G, 2-6L6G, 2-6N7G, 1-6W5G	51	...
8922, 8923, 8924, 8925	7	1-5V4G, 2-6J7G, 2-6L6G, 2-6N7G	51	...
8935, 8936, 8937, 8938, 8939, 8940, 8941, 8942	9	1-5V4G, 3-6C5G, 2-6J7G, 2-6L6G, 1-6N7G	51	...

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit

"SENTINEL"

(See UNITED AIR CLEANER CORP.—Page 246)

SERVICE ELECTRIC COMPANY

"CODE"

Aida	12	4-24A, 2-27, 3-35/51, 2-47, 1-80	..	Super
Black, Rodeo	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
Blackhawk	5	3-24A, 1-45, 1-80	..	TRF
Coda	10	3-24A, 1-27, 3-35/51, 2-47, 1-80	..	Super
Cresta	6	4-24A, 1-45, 1-80	..	TRF
Cresta	7	3-24A, 1-27, 1-35/51, 1-47, 1-80	..	Super

SETCHELL CARLSON, Inc.

"SETCHELL CARLSON"

23	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	465
25	5	1-1A4T, 1-1C6, 1-1F6, 1-19, 1-30	..	456
26	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	456
29	5	1-1B5/25S, 1-1C7, 1-1D5, 1-1H4, 1-1J6	..	465
30	5	1-6A6, 1-6A7, 1-38, 1-75, 1-78	..	456
32	8	1-6A7, 4-43, 1-75, 2-78	..	456
33	9	1-6A7, 1-37, 4-43, 1-75, 2-78	..	456
40	4	1-1A6, 1-34, 1-38, 1-75	..	456
41	5	1-1A6, 1-30, 1-32, 1-33, 1-34	..	456
44AC	5	1-6A7, 1-37, 1-41, 1-75, 1-78	..	456
45 Auto	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
46AW	4	1-1A4T, 1-1C6, 1-1F4, 1-1F6	..	456
50AW	5	3-15, 1-38, 1-75	..	456
51	7	1-1A6, 1-19, 2-30, 1-32, 2-34	..	456
52	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	..	456
55	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-6X5GT	..	465
60 Auto	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	456
60AW	6	1-1A4T, 1-1C6, 1-1F6, 1-30, 2-49	..	456
61AW	5	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 1-41	..	456
62	6	1-6D8G, 1-6S7G, 1-6T7G, 3-19	..	456
63	5	1-1C7G, 1-1D5G, 1-1F4, 1-1F7G, 1-19	..	465
66	5	1-1A7, 1-1N5, 1-1T5, 1-3A8, 1-35Z5	..	182
66 Auto	6	1-6A7, 1-6X5, 1-42, 1-75, 2-78	..	456
68 Auto	7	1-6A6, 1-6A7, 1-6X5, 1-37, 1-75, 2-78	..	456
70 Auto	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	456
77 Auto	5	2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	...
78 Auto	6	1-6A8, 1-6J5G, 2-6K7, 1-6Q7, 1-6X5G	..	465
80 Auto	7	1-6A6, 1-6A7, 1-37, 1-75, 2-78	..	456
220	7	1-6A8G, 2-6J5G, 1-6K7G, 1-6U5/6G5, 1-6V6G, 1-80	..	465
221, 221AC, 225, 225AC	7	1-6D8G, 1-6L5, 1-6S7, 1-6T7, 2-6V6, 1-6X5	..	465
222	10	1-6A8G, 3-6J5G, 2-6K7G, 1-6U5/6G5, 2-6V6G, 1-80	..	465
252	5	1-1A4T, 1-1C6, 1-1F6, 1-19, 1-30	..	456
330	9	1-6A8G, 2-6J5G, 2-6K7G, 4-25L6G	..	465
330AW	9	1-6A7, 1-37, 4-43, 1-75, 2-78	..	456
331	6	1-6A8, 1-6K7, 1-6Q7, 3-25L6	..	465
331	9	1-6A7, 4-6B6G, 1-37, 1-75, 2-78	..	456
332	9	1-6A8G, 2-6J5G, 2-6K7G, 4-25L6G	..	465
333, 335	9	1-6A8, 2-6K7, 1-6Q7, 5-25L6	..	465
401	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1P5G, 1-1Q5G	..	175
402	7	1-6A8GT, 1-6K7GT, 1-6Q7GT, 3-25L6G, 1-25Z6G	..	465
405	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1P5G, 1-1Q5G	..	175
407, 408	7	1-6J5, 2-6K6, 1-6K7, 1-6K8, 1-6Q7, 1-6X5	..	465
409	9	2-6K7, 1-6K8, 1-6Q7, 5-25L6	..	465
411RD	5	1-12A8, 1-12K7, 1-12SQ7, 1-35Z5, 1-50L6	..	465
412	7	1-12A8, 1-12J5, 1-12K7, 1-12SQ7, 1-35Z5, 2-50L6	..	465

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SETCHELL CARLSON, Inc.—Continued				
510AW	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	456
588	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	..	465
589	5	1-6A8, 1-6K6, 1-6K7, 1-6SQ7, 1-6X5	..	465
600	5	1-1C5G, 1-1D5G, 1-1F7G, 1-1H4G, 1-1J6G	..	465
602	7	1-1C7G, 2-1D5G, 1-1F7G, 2-1G5G, 1-6AB5/6N5	..	465
610	5	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G, 1-19	..	465
620	6	1-6AB5/6N5, 1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G, 1-19	..	465
621, 621AC	5	1-6D8, 1-6K6, 1-6S7, 1-6T7, 1-6X5	..	465
622	7	1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G, 1-19	..	465
630AW	8	1-6D8G, 3-6S7G, 1-6T7G, 3-19	..	456
930AW	10	1-6A7, 4-35N6G, 1-37, 1-75, 3-78	..	456
4017	7	1-6J5, 2-6K6, 1-6K7, 1-6K8, 1-6Q7, 1-6X5	..	465
4019	9	2-6K7, 1-6K8, 1-6Q7, 5-25L6	..	465
4130	7	2-6K7GT, 1-6K8GT, 1-6SQ7, 3-25L6GT	..	465
SHELDON RADIO COMPANY				
"SHELDON"				
A-6	6	1-36, 1-37, 2-39/44, 1-41, 1-Wunde	..	Super
Super	11	5-35/51, 2-45, 2-56, 1-80, 1-Wunde	..	Super
SA5	5	2-39/44, 1-41, 1-75, 1-84/6Z4	..	Super
SA7	7	1-6A7, 3-6D6, 1-85, 2-89	..	Super
SA8	8	1-37, 4-39/44, 1-41, 1-75, 1-84/6Z4	..	Super
SU8	8	1-6A7, 3-6D6, 1-80, 1-85, 2-89	..	Super
SHORTWAVE AND TELEVISION LABS., Inc.				
"BAIRD"				
35	8	3-24A, 2-27, 1-45, 1-BH, 1-Rect	..	•••
155, 200	7	1-47, 1-55, 1-56, 3-58, 1-80	..	Super
"SILVER"				
(See McMURDO SILVER CORPORATION—Page 159)				
SILVER-MARSHALL MANUFACTURING COMPANY				
"SILVER-MARSHALL"				
Air-Flight 580	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	Super
Air-Flight 670A	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	Super
Air-Flight DeLuxe 880	8	1-6A6, 1-6A7, 2-6D6, 2-76, 1-84/6Z4, 1-85	..	Super
A	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	..	175
B	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	175
C (Amp.)	5	2-27, 2-47, 1-80	..	Super
C (Rec.)	7	1-24A, 3-27, 3-35/51	..	Super
CB-1	12	3-45, 4-56, 3-58, 1-80, 1-82	..	Super
C-24, G, G-6, J	10	1-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
D, E, 726	9	1-24A, 2-27, 3-35/51, 2-47, 1-80	..	175
F, F4	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
LW Rec. 773	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	175
J	5	1-6A7, 2-6E7, 1-75, 1-84/6Z4	..	Super
K	6	1-6C6, 2-6D6, 1-37, 1-89, 1-Wunde	..	Super
Q-1, Q-3	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	465
Q-DeLuxe	10	3-45, 3-56, 3-58, 1-82	..	465
R	10	1-24A, 4-27, 2-35/51, 2-47, 1-80	..	465
SM-669	1	1-80	P. Pack with 750 receiver	
SM-714	6	4-24A, 2-27	..	Super
SM-714, 667B	10	4-24A, 3-27, 2-45, 1-80	..	Super
SM-727	10	1-24A, 4-27, 2-35/51, 2-47, 1-80	..	465
SM-728	10	2-45, 4-56, 3-58, 1-80	..	Super
SM-737	5	2-24A, 1-27, 1-45, 1-80	..	TRF
V, V-30, X	10	3-45, 3-56, 3-58, 1-82	..	465
Y	7	2-47, 1-55, 1-56, 2-58, 1-80	..	465
Y-39	8	1-55, 1-56, 5-58, 1-80	..	465

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SILVER-MARSHALL MFG. COMPANY—Continued				
Z-10	7	2-2A5, 1-2A7, 1-2B7, 1-5Z3, 1-56, 1-58	..	465
Z-13, Z-DeLuxe	13	2-2A5, 6-56, 1-57, 4-58	..	472.5
30, 60, 95	8	4-24A, 1-27, 2-45, 1-80	..	TRF
30-B, 30-C, 30-D, 30-E	7	3-24A, 1-27, 2-45, 1-80	..	TRF
32A, 33, 33A	1	1-80	..	...
34A	6	3-24A, 1-27, 2-45	..	TRF
35A	8	4-24A, 2-27, 2-45	..	TRF
35M AVC	7	4-24A, 1-27, 2-45	..	TRF
36A	9	5-24A, 1-27, 2-45, 1-80	..	175
37, 38, 39	8	3-24A, 2-27, 2-45, 1-80	..	175
40 DC	8	2-30, 2-31, 4-32	..	Super
60-B, 75-B, 95-B	7	3-24A, 1-27, 2-45, 1-80	..	TRF
440	4	4-01A	Time	Signal Amp.
670 ABC	1	1-80	..	ABC Supply
670-B	1	1-80	..	B. Supply
675	1	1-81	..	P. Pack
677, 677 Amp	4	1-27, 2-45, 1-80	..	Amp.
678-PD	3	1-26, 1-05, 1-81	..	Phono. Amp.
679-B	4	1-24A, 1-50, 2-81	..	Amp.
683	4	1-27, 2-47, 1-80	..	Amp.
684, 685	5	1-24A, 1-27, 2-47, 1-80	..	Amp.
690	7	2-26, 1-27, 2-50, 2-81	..	Amp.
710	7	2-12A, 4-22, 1-71A	..	Amp.
712	4	3-24A, 1-27	..	TRF
716	6	1-24A, 2-27, 3-35/51	..	Super
720	6	1-01A, 1-12A, 3-22, 1-71A	..	TRF
720 AC	6	3-24A, 2-27, 1-45	..	TRF
722 AC	7	3-24A, 1-27, 2-45, 1-80	..	TRF
722 DC	6	3-12A, 3-22	..	...
724 DC	8	2-30, 2-31, 4-32	..	Super
724 Super	9	5-24A, 1-27, 2-45, 1-80	..	175
726 DC	9	5-30, 4-32	..	Super
726 SW	11	2-24A, 3-27, 3-35/51, 2-47, 1-80	..	175
727 KB-21	8	5-30, 1-32, 2-34	..	Super
728 SW, Q-25A	11	3-45, 4-56, 3-58, 1-82	..	Super
730, 731	4	1-01A, 2-12A, 1-22	..	Reg. Det.
737 AC	5	3-24A, 1-45, 1-80	..	...
738	3	1-24A, 1-26, 1-27	..	Conv.
739 SW	3	1-24A, 1-27, 1-80	..	Conv.
740 AC	4	1-22, 2-27, 1-71A	..	TRF
740 DC	4	2-12A, 1-22, 1-71A	..	TRF
770 Auto	5	1-12A, 3-24A, 1-71A	..	TRF
773	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	Super
782	8	3-24A, 2-27, 2-45, 1-80	..	175
4801, 4802	10	1-5Z3, 3-56, 3-58, 3-59	..	175
Super	6	1-47, 1-55, 1-56, 2-58, 1-80	..	465
"SILVERTONE"				
(See SEARS, ROEBUCK & COMPANY—Page 208)				
SIMPLEX RADIO COMPANY				
"SIMPLEX"				
AA	4	1-1A6, 2-1B5/25S, 1-1B4	..	456
B Above 152500	7	6-401, 1-BH	..	TRF
B41C	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	...
D	8	1-10, 4-26, 1-27, 1-80, 1-210	..	Super
D, D DeLuxe	6	1-6A7, 1-6K7, 1-6U5/6G5, 1-25Z5, 1-43, 1-75	..	456
DA	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456
F	6	3-24A, 1-27, 1-47, 1-80	..	Super
G	6	1-6A7, 1-6F5, 1-6K7, 1-42, 1-76, 1-80	..	456
G	7	1-6D6, 1-6H6, 1-6L7, 1-25B5, 1-25Z5, 1-75, 1-76	..	456
GB	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456
GH	7	1-6A7, 1-6F5, 1-6K7, 1-6U5/6G5, 1-25Z5, 1-43, 1-76	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit

SIMPLEX RADIO COMPANY—Continued

J	6	2-24A, 2-35/51, 1-47, 1-80	..	Super
K-DC	5	3-36, 2-38	..	175
KL	3	1-6C6, 1-38, 1-76, 1-K95B Resistor	..	Inter Office
K, N, Q	5	2-24A, 1-35/51, 1-47, 1-80	..	175
N-DC, P, P-DC, Q-DC	5	1-36, 2-38, 2-39/44	..	175
NT	10	1-6A8, 2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-75, 2-76, 1-80	..	456
NT	11	2-6B5, 1-6C5, 1-6D6, 1-6K7, 1-6L7, 1-75, 3-76, 1-80	..	456
OP	3	1-6B5, 1-6C6, 1-80	..	P.A. System
P	5	1-47, 1-58, 2-57, 1-80	..	175
P	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
P. A.	5	2-32, 1-33, 2-34	..	175
P Batt.	5	1-1B5/25S, 1-1C6, 1-19, 1-30, 1-34	..	456
P, P-32V	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
Q Auto	6	1-0Z4, 1-6A8, 1-6K7, 1-6N6, 1-75, 1-78	..	175
R, RK DeLuxe	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50B2MG Resistor	..	456
R	4	1-47, 1-57, 1-58, 1-80	..	TRF
R-DC, P	4	1-36, 2-38, 1-39/44	..	TRF
S	5	1-47, 1-56, 1-57, 1-58, 1-80	..	TRF
S	5	1-47, 1-57, 2-58, 1-80	..	Super
T	5	1-6A7, 2-6D6, 1-42, 1-75	..	456
TA	5	1-6A7, 1-6B7, 1-41, 1-78, 1-84/6Z4	..	456
T Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	175
U	5	1-25Z5, 1-39/44, 1-43, 1-77, 1-78	..	175
U52C, 52T, UA52B, 52C, 52T, 52P1, 52P2, 52P3	5	1-7A8, 1-7B7, 1-7C6, 1-35A5, 1-35Z3	..	...
V	4	1-25Z5, 1-39/44, 1-43, 1-77	..	TRF
V	5	1-25Z5, 1-43, 1-75, 1-77, 1-78	..	TRF
V-All Wave	4	1-6F7, 1-25Z5, 1-39/44, 1-77	..	Reg. Det.
W	8	1-6A7, 2-6D6, 3-42, 1-75, 1-80	..	456
W	8	1-6A7, 2-6D6, 2-42, 1-75, 1-76, 1-80	..	456
W-All Wave	8	1-37, 2-42, 3-78, 1-80, 1-85	..	456
X	5	1-6C6, 2-6D6, 1-42, 1-80	..	TRF
Y	5	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-75	..	TRF
...	5	3-24A, 1-45, 1-80	..	TRF
...	5	2-31, 3-32	..	TRF
Z, Z DeLuxe	3	1-6C6, 1-6D6, 1-12A7, 1-K95B2 Resistor	..	TRF

"SKY HAWK"

(See REPUBLIC INDUSTRIES—Page 205)

"SLAGLE"

(See CONTINENTAL RADIO AND TELEVISION CORP.—Page 66)

SONORA ELECTRIC PHONOGRAPH CO., Inc.

"SONORA"

P101, P202	3	1-5Z3, 1-6A3, 1-6C6	..	456
P300, P400	5	1-6C5, 2-25L6, 2-25Z5	..	456
PR	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
PR202	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
PR300, PR400	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	..	456

SONORA RADIO MANUFACTURING CORPORATION

"SONORA"

B-31	8	4-24A, 1-27, 2-45, 1-80	..	TRF
30, 32, 40	8	5-27, 2-45, 1-80	..	TRF
36, 44	10	6-27, 2-50, 2-81	..	TRF
64	7	3-24A, 1-27, 2-45, 1-80	..	TRF
70	8	3-27, 3-35/51, 1-47, 1-80	..	262
71, 72, 73	10	4-27, 3-35/51, 2-41, 1-80	..	262
74	5	3-24A, 1-45, 1-80	..	TRF
84, 85	5	2-24A, 1-35/51, 1-47, 1-80	..	262
86, 87	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262

SONORA RADIO & TELEVISION CORPORATION

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
"SONORA"				
A11	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-K55B Resistor	..	TRF
B22, C22	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-K49B Resistor	..	456
D12, DD14, DDA14	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-K49C Resistor	..	456
E33, EA33	5	1-6K7, 1-6K8, 1-6Q7G, 1-25A6G, 1-25Z6G, 1-K49C Resistor	..	456
F55, FA55, FA77	7	1-6J5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25A6G, 1-25Z6G	..	456
G66, GA66, G88, GA88	9	1-5Y3G, 2-6F6G, 3-6J5G, 1-6K7, 1-6K8, 1-6Q7G	..	456
KA109	12	1-5V4G, 1-6C5G, 1-6H6, 3-6J5G, 2-6K7, 2-6K8, 2-6V6G	..	456
KB73, KBU73, KBU75	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT	47	456
KD75	6	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-50L6GT	47	456
KE78, KEU78	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
KG80	4	1-1R5, 1-1S4, 1-1S5, 1-1T4	..	456
KU9	4	1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	456
L22	4	1-1C7G, 1-1D5GP, 1-1F7G, 1-1G5G	..	455
M22	4	1-6A8G, 1-6G6G, 1-6K7, 1-6Q7G	..	456
P100	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
PS102	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	456
Q33, QA33	6	1-6D8G, 1-1H4G, 1-1J6G, 1-6L5G, 1-6S7G, 1-6T7G	..	456
R66, RA66	7	1-6J5G, 1-6K7, 1-6K8, 1-6Q7G, 2-25L6G, 1-25Z6G, 1-BK17E1 Resistor	..	456
TB34, 35, TE40, 41, 79, 38, TEU40	1	1-70L7GT	47	Phono. Amp.
TF39	4	1-1A7GT, 1-1C5G, 1-1H5G, 1-1N5G	..	456
TH46	4	1-1A5GT, 1-1A7GT, 1-1N5GT, 1-1Q5GT	..	456
TJ62, TJF68	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TK44	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	47	TRF
TN45, TNF60, 70	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TP108, TPU108	4	1-12J7GT, 1-12K7GT, 1-35Z5GT, 1-50L6GT	..	TRF
TR53	6	1-12A8GT, 1-12J5GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TS105	5	1-6A8GT, 1-6J5GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	47	456
TSA105, TSU105	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TT52, TT52U	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-80	47	456
TV48, TVU48	4	1-12A8GT, 1-12SJ7GT, 1-35Z5GT, 1-50L6GT	47	456
TW49, TWU49	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
TX53, TXG 91	6	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25C6GT, 2-25Z6G	47	456
TXF67	7	1-6A8GT, 1-6K7GT. 1-6Q7GT, 1-6U5/6G5, 1-25C6GT, 2-25Z6G	47	456
TY54	7	1-6A8G, 1-6J5G, 2-6K6G, 1-6K7G, 1-6Q7G, 1-80	47	456
TZ56	12	1-6A8GT, 2-6F6G, 1-6SK7, 7-76, 1-80	47	456

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPARKS-WITHINGTON COMPANY				
"SPARTON"				
AC-5	6	5-401, 1-BH	..	TRF
AC-7	8	5-401, 2-483, 1-BH	..	TRF
AC-62, 63	7	5-401, 1-483, 1-BH	..	TRF
AR-19	5	1-12A, 4-24A	..	TRF
AR-19A	5	1-12A, 3-36, 1-37	..	TRF
AR-50	5	1-12A, 3-24A, 1-27	..	TRF
AR-50A	5	1-12A, 3-36, 1-37	..	TRF
DC564, 570, 600, 610, 620, 740, 750	9	2-483, 7-485	..	Equasonne
5, 9	5	1-27, 2-35/51, 1-47, 1-80	..	TRF
5-15, 5-26	5	5-01A	..	TRF
6-15, 6-26	6	6-01A	..	TRF
9A	6	2-24A, 1-27, 1-80, 2-483	..	TRF
9X, 13, 14, 14A	7	1-24A, 1-47, 2-56, 2-58, 1-80	..	172.5
10, 56	7	2-27, 3-35/51, 1-47, 1-80	..	172.5
12	5	2-24A, 1-35/51, 1-47, 1-80	..	172.5
15	8	3-27, 3-35/51, 1-47, 1-80	..	172.5
16	9	3-27, 3-35/51, 2-47, 1-80	..	172.5
16 AW	12	2-24A, 4-27, 3-35/51, 2-47, 1-80	..	172.5
17, 18, 25X, 30C	10	1-24A, 2-47, 4-56, 2-58, 1-80	..	172.5
25, 26, 30, 30A, 30B, 45	10	3-27, 4-35/51, 2-45, 1-80	..	172.5
26 AW	13	2-24A, 4-27, 4-35/51, 2-45, 1-80	..	172.5
27, 27A, 28	13	1-24A, 4-47, 4-56, 2-58, 2-80	..	172.5
31, 32	6	1-30, 1-31, 4-32	..	TRF
33	6	1-36, 2-39/44, 1-41, 1-84/6Z4, 1-85	..	172.5
33A, 33B	6	1-36, 1-41, 1-75, 2-78, 1-84/6Z4	..	172.5
34	7	1-36, 1-37, 2-38, 2-39/44, 1-70	..	172.5
35	13	5-27, 4-35/51, 2-50, 2-81	..	172.5
36 Auto	7	1-26, 1-37, 2-78, 1-79, 1-85, 1-89	..	172.5
39	9	2-01A, 1-71A, 6-486	..	Equasonne
40	6	4-26, 1-37, 1-38	..	TRF
40A, 42, 43 Police Auto	6	1-36, 1-37, 1-38, 3-39/44	..	TRF
41 Police Auto	5	3-36, 1-37, 1-38	..	TRF
41A Police Auto	5	1-37, 1-38, 3-39/44	..	TRF
43S	6	1-36, 1-37, 3-39/44, 1-42	..	TRF
44P	5	1-36, 1-42, 2-78, 1-85	..	172.5
46P	5	1-36, 1-42, 1-75, 2-78	..	172.5
49	9	2-01A, 1-71A, 6-486	..	Equasonne
50	5	1-12A, 3-24A, 1-27	..	TRF
51, 52	6	1-30, 1-31, 4-32	..	TRF
53, 57, 61, 62	5	1-25Z5, 1-43, 1-75, 2-78	..	456
54	7	1-1B5/25S, 3-30, 1-32, 2-34	..	172.5
54	8	1-1B5/25S, 4-30, 1-32, 2-34	..	172.5
55	6	3-24A, 1-27, 1-80, 1-483	..	TRF
58	5	1-1A6, 1-30, 2-32, 1-33	..	456
60 Converter	4	2-24A, 1-27, 1-80	..	900
65, 66 AC-DC	6	1-25Z5, 1-43, 1-75, 3-78	..	456
65T, 66T	6	1-25Z5, 1-43, 1-75, 3-78	..	456
67, 68	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	345
69, 79A, 89	8	1-50, 1-80, 6-485	..	Equasonne
70, 77	7	1-1A6, 1-1C6, 1-19, 1-30, 3-34	..	345
71, 71B	6	1-6C6, 2-6D6, 1-42, 1-75, 1-80	..	456
72	7	3-6D6, 1-37, 1-42, 1-80, 1-85	..	172.5
74	9	2-2A5, 1-24A, 3-56, 2-58, 1-80	..	172.5
75A	8	1-47, 1-55, 1-56, 1-57, 3-58, 1-80	..	456
76	13	4-2A5, 1-5Z3, 4-56, 1-57, 3-58	..	456
78	8	3-6D6, 3-37, 1-42, 1-80	..	172.5
80, 83, 84	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	..	456
81, 81A	5	1-1A6, 1-30, 2-32, 1-33	..	456
82	5	1-1A6, 1-19, 1-30, 2-32	..	456
85X, 86X, 86XS	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	..	456
89A	9	1-50, 2-81, 6-485	..	Equasonne
99	9	1-26, 2-50, 6-485	..	Equasonne

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SPARKS-WITHINGTON COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
101	13	2-26, 1-27, 2-50, 2-81, 6-485	..	Equasonne
103	13	2-50, 2-81, 9-485	..	Equasonne
104, 105X, 135	10	1-5Z3, 1-6A7, 2-42, 2-76, 3-78, 1-85	..	456
109 DeLuxe	10	2-50, 2-81, 6-485	..	Equasonne
110, 111AC	12	2-26, 2-50, 2-81, 6-485	..	Equasonne
111A	13	2-26, 2-50, 2-81, 7-485	..	Equasonne
134, 136	12	4-2A5, 1-2A7, 1-5Z3, 4-56, 2-58	..	456
219, 219PD	2	1-6A7, 1-25Z5, 1-BK808 Resistor	51	Phono.
235	10	1-80, 2-83, 7-84/6Z4	..	...
301 AC	10	2-50, 2-81, 6-485	..	Equasonne
301 DC	8	2-483, 6-485	..	Equasonne
333 Auto	5	1-6F7, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
409GL	4	1-6A8GT, 1-6J7GT, 1-25L6GT, 1-25Z6GT 1-BK3AJ Resistor	..	456
410, 420	6	2-24A, 1-27, 1-80, 2-483	..	TRF
410, 420 DC	5	2-24A, 1-27, 2-483	..	TRF
475A	8	1-47, 1-55, 1-56, 1-57, 3-58, 1-80	..	456
478	8	3-6D6, 3-37, 1-42, 1-80	..	172.5
500B, 500C, 500D, 510B, 510C, 510D, 510L	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-40Z5/45Z5GT	..	456
506	5	1-25Z5, 1-43, 1-75, 2-78	..	456
516, 536, 517, 557, 567	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
518, 538	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
519X	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
520M, 570M	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	51	456
527-2, 587-2	5	1-1C7G, 2-1D5G, 1-1H6G, 1-33	..	456
530X	5	1-6A7, 1-42, 1-75, 1-78, 1-80	51	456
537, 577	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
538-2	5	2-1C7G, 1-1D5G, 1-1H6G, 1-33	..	456
539LX, 539SX	5	1-5Y3G, 1-6F6G, 1-6J8G, 1-6K7G, 1-6Q7G	..	456
540LX, 540SX, 541SX	5	1-5Y3G, 1-6F6G, 1-6J8G, 1-6K7G, 1-6Q7G	51	456
549-1	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	456
550M	5	1-6J8G, 1-42, 1-75, 1-78, 1-80	51	456
558C, 558D, 568, 578	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
559X	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
564, 570	11	2-50, 2-81, 7-485	..	Equasonne
570M	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	51	456
580X	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	456
588-2	5	2-1C7G, 1-1D5G, 1-1H6G, 1-33	..	456
589 AC	10	1-80, 2-483, 7-485	..	Equasonne
590-1	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-35Z5GT	..	456
591, 593 AC	9	1-80, 2-482B, 6-485	..	Equasonne
594	5	1-25Z5, 1-43, 1-75, 2-78	..	456
600, 610, 620	10	1-80, 2-483, 7-485	..	Equasonne
601B, 601S	6	1-12A8GT, 2-12SK7GT, 1-12SQ7GT, 1-35L6GT, 1-35Z5GT	51	456
601MS	6	1-6A8GT, 1-6K6GT, 2-6SK7GT, 1-6SQ7GT, 1-117Z6GT	51	456
608, 608B	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-BK49B	..	456
609LX, 609SX	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-BK49CJ Resistor	..	345
616, 616X, 666, 666X	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	456
617, 667	6	1-5Y3G, 1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G	..	345
620M	5	1-6AC5G, 1-6J8G, 1-75, 1-78, 1-80	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPARKS-WITHINGTON COMPANY—Continued				
628	6	1-5Y3G, 1-6A8G, 1-6E5, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
637-6, 687-6	6	1-1C7G, 2-1D5G, 1-1E7G, 1-1H4G, 1-1H6G	..	456
638-6	6	1-1C7G, 1-1E7G, 1-1H4G, 1-1H6G, 2-1Q5G	..	456
640SK	6	1-5Y3G, 1-6F6G, 1-6J8G, 2-6K7G, 1-6Q7G	51	456
649-6	6	2-1D5GP, 1-1G5G, 1-6J8G, 1-6T7G, 1-6ZY5G	..	456
651, 651D, 651SX, 651SXD, 651SXP	6	1-5Y3G, 1-6A8GT, 2-6F6G, 1-6SK7GT, 1-6SQ7GT	44	456
655	6	1-25Z5, 1-43, 1-75, 3-78	..	456
660M	5	1-6AC5G, 1-6A7, 1-75, 1-78, 1-80	51	456
661RP	7	1-5Y3G, 1-6F6G, 1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 1-6U5/6G5	51	456
668, 678	6	1-5X3G, 1-6A8G, 1-6E5, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
670-6	6	2-1D5GP, 1-1G5G, 1-6J8G, 1-6T7G, 1-6ZY5G	..	456
676, 686	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-84/6Z4	..	172.5
678A	6	1-5Y3G, 1-6A8G, 1-6E5, 1-6F6G, 1-6K7G, 1-6Q7G	..	456
685, 691	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	345
688-6	6	1-1C7G, 1-1E7G, 1-1H4G, 1-1H6G, 2-1Q5G	..	456
699	6	1-0Z4G, 1-6A7, 2-6D6, 1-6Q7, 1-41	..	262
711X	7	1-6H4GT, 1-12A8GT, 1-12SF5GT, 2-12SK7GT, 1-35L6GT, 1-35Z5GT	51	456
716, 766, 766X, 766XP, 766XS	7	1-6A7, 1-42, 1-75, 3-78, 1-80	..	456
726X	7	1-6A7, 1-6F6, 2-6K7, 1-75, 1-78, 1-80	..	456
727XD	8	1-5Y3G, 1-6A8, 1-6E5, 2-6F6G, 1-6K7, 1-6K7G, 1-6Q7G	..	456
737AC	10	1-80, 2-483, 7-485	..	Equasonne
738	7	1-5Y3G, 1-6A8G, 1-6H6G, 1-6J7G, 1-6K7G, 1-6Q7G, 1-6V6G	..	456
740, 750AC	11	2-50, 2-81, 7-485	..	Equasonne
740SX	7	1-5Y3G, 1-6F6G, 1-6J8G, 2-6K7G, 1-6Q7G, 1-6U5/6G5	51	456
749X	7	1-5Y3G, 1-6A8G, 1-6E5, 1-6F6G, 2-6K7G, 1-6Q7G	..	345
760PS	6	1-5W4GT, 1-6AC5G, 1-6SA7GT, 1-75, 1-76, 1-78	51	456
761	7	1-5Y3G, 1-6K6GT, 2-6P5GT, 1-6SA7GT, 1-6SF5GT, 1-6SK7GT	51	456
768, 778	7	1-5Y3G, 1-6A8G, 1-6E5, 1-6F6G, 2-6K7G, 1-6Q7G	..	456
770, 770PA	7	1-5Y3G, 1-6F5G, 2-6F6G, 1-6J8G, 1-6K7G, 1-6P5G	51	456
775	7	1-1A6, 1-1C6, 1-19, 1-30, 3-34	..	345
776, 776XP, 776XS	8	1-6A7, 1-6E5, 1-6F6, 2-6K7, 1-75, 1-78, 1-80	..	456
809SX	7	1-6F5G, 1-6H6G, 1-6J8G, 2-6K7G, 1-25L6G, 1-25Z6G, 1-BK36E1J Resistor	..	456
827XD	8	1-5Y3G, 1-6A8, 1-6J7G, 1-6K7, 2-6K7G, 1-6N6G, 1-6Q7G	..	456
831X	8	1-6AC5G, 2-6J5GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT, 1-7Y4	44	456
835	8	1-6A7, 1-42, 1-76, 3-78, 1-80, 1-85	..	456
867	8	1-5Y3G, 1-6A8, 1-6E5, 2-6F6G, 1-6K7, 1-6K7G, 1-6Q7G	..	456
870	13	2-26, 2-50, 2-81, 7-485	..	Equasonne
880	8	1-5Y3G, 1-6AC5G, 1-6J5G, 1-6J8G, 2-6K7G, 1-6Q7G, 1-6U5/6G5	51	456
880A	8	1-5Y3G, 1-6F5G, 2-6F6G, 1-6J8G, 1-6K7G, 1-6P5G, 1-6U5/6G5	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPARKS-WITHINGTON COMPANY—Continued				
929X	9	1-5Y3G, 1-6E5, 1-6F5G, 2-6F6G, 1-6H6G, 1-6J8G, 2-6K7G	..	456
930, 931 AC	9	1-80, 2-182B/482B, 6-485	..	Equasonne
931 DC	8	2-483, 6-485	..	Equasonne
940LX, 940SX	9	1-5Y3G, 1-6F5G, 2-6F6G, 1-6H6G, 1-6J8G, 2-6K7G, 1-6U5/6G5	51	456
966	10	1-5Z3, 1-6A7, 1-6C5, 1-6E5, 2-6F6, 1-6H6, 2-6K7, 1-78	..	456
968	9	1-5Y3G, 1-6A8G, 1-6C5G, 1-6E5, 2-6K7G, 2-6Q7G, 1-6V6G	..	456
977	10	1-6A7, 1-6E5, 1-6F5, 1-6H6, 2-6K7, 1-42, 1-76, 1-78, 1-80	..	456
987	9	1-5Y3G, 1-6A8G, 1-6E5, 1-6J7G, 1-6K7, 2-6K7G, 1-6N6G, 1-6Q7G	..	456
1066	11	1-5Z3, 1-6A8, 1-6C5, 1-6E5, 2-6F6, 1-6H6, 3-6K7	..	456
1068, 1078	10	1-5Y3G, 1-6A8G, 1-6E5, 1-6H6G, 1-6J7G, 3-6K7G, 1-6Q7G, 1-6V6G	..	456
1071PA, 1071PAD	10	1-5Y3G, 2-6AC5G, 3-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-7L7	44	456
1071RPA	11	1-5Y3G, 2-6AC5G, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 2-6SQ7GT, 1-6U5/6G5, 1-7L7, 1-7N7	44	456
1081	10	1-5Y3G, 1-6AF6G, 2-6F6G, 2-6P5G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-7L7	44	456
1089	10	1-5Y3G, 1-6A8G, 1-6E5, 1-6H6G, 1-6J7G, 3-6K7G, 1-6Q7G, 1-6V6G	..	456
1160	11	1-5Y3G, 1-6A8G, 2-6F6G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6Q7G, 1-6U5/6G5	40	456
1166, 1166XP, 1166XS, 1176, 1186, 1196	12	1-5Z3, 3-6C5, 1-6E5, 2-6F6, 1-6H6, 3-6K7, 1-6L7	..	456
1167	11	1-5Y3G, 1-6A8, 1-6C5G, 1-6E5, 1-6J7G, 1-6K7, 2-6K7G, 1-6Q7G, 2-45	..	456
1268, 1288P	12	1-5Y3G, 1-6A8G, 1-6E5, 1-6H6G, 1-6J5G, 1-6J7G, 3-6K7G, 1-6Q7G, 2-45	..	456
1271	12	1-5Y3G, 2-6AC5G, 1-6AF6G, 4-6P5GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	..	456
1281	12	1-5Y3G, 2-6AC5G, 1-6AF6G, 4-6P5G, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-7L7	44	456
1466, 1476	15	2-5Z3, 2-6A6, 3-6C5, 1-6E5, 2-6F6, 3-6K7, 1-6L7, 1-6N6	..	456
1567	15	2-2A3, 1-5Y3G, 1-5Z3, 1-6A8, 1-6C5G, 1-6J7G, 1-6K7, 3-6K7G, 1-6Q7G, 2-45	..	456
1568	15	2-2A3, 1-5X4G, 1-5Y3G, 1-6A8G, 1-6C5G 1-6E5, 1-6H6G, 1-6J5G, 1-6J7G, 3-6K7G, 1-6Q7G, 1-6R7G	..	456
1867	18	2-5X4G, 1-6AC5G, 1-6E5, 3-6F6G, 2-6J5G, 1-6J7G, 1-6K7, 3-6K7G, 2-6L6G, 1-6L7, 1-6Q7G	..	456
5008, 5018	4	1-6J7G, 1-6K7G, 1-25L6G, 1-25Z6G, 1-BK55BJ Resistor	..	TRF
5028	4	1-6A7, 1-25L6G, 1-25Z5, 1-77, 1-BK55J Resistor	..	456
5218, 5218P, 5518A	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
6218	6	1-6AC5G, 1-6A7, 1-75, 1-76, 1-78, 1-80	..	456
7618	7	1-6AC5G, 1-6A7, 1-6E5, 1-75, 1-76, 1-78, 1-80	..	456
8618	8	1-5Y3G, 1-6H6G, 1-6J5G, 1-6J8G, 2-6K7G, 1-6Q7G, 1-6V6G	..	456
SPIEGEL, INCORPORATED				
"AIRCASTLE"				
AM3	8	2-5W4, 1-6A8, 2-6K7, 1-6L6, 1-6Q7, 1-6U5/6G5	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPIEGEL, INCORPORATED—Continued				
AM6	10	2-5W4, 1-6A8, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	..	456
AM7	11	1-5Z3, 1-6A8, 2-6C5, 2-6F6, 1-6H6, 3-6K7, 1-6U5/6G5	..	456
AU10	4	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT	..	456
B1	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
B5	5	1-12A8GT, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
BA41	6	1-6C6, 2-30, 1-32, 1-33, 1-34	..	456
BP11S	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	455
BP12	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-1T5GT, 1-35Z5GT, 1-BM42B Resistor	..	455
F5	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-117Z6GT	..	455
H1	6	2-6D6, 1-6L7, 1-42, 1-75, 1-76	..	465
H6	6	1-0Z4, 1-6A7, 2-6D6, 1-6Q7, 1-41	..	262
KB	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT	..	456
KD	6	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-50L6GT	47	456
L5	7	1-5Z4, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6L7	..	456
L6	8	1-5Z4, 1-6C5, 2-6F6, 1-6K7, 1-6L7, 2-6Q7	..	456
L7	7	1-1C6, 1-19, 3-30, 2-34	..	456
ML4	7	1-6A6, 1-6A7, 1-6D6, 2-42, 1-76, 1-80	..	456
MX2	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
M5	7	1-1C6, 1-19, 3-30, 2-34	..	456
M7	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
OC	10	4-6D6, 2-45, 3-76, 1-80	..	456
P	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
QT	7	2-1H4G, 1-1J6G, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G	49	456
SL	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	456
SM	5	1-6A8G, 1-6G6G, 1-6K7, 1-6Q7G, 1-6ZY5G	47	456
TC	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G	47	456
TF, TL	4	1-1A7G, 1-1C5G 1-1H5G, 1-1N5G	..	456
TM	4	1-6A8G, 1-6G6G, 1-6K7, 1-6Q7G	47	456
TSB	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-35Z5GT	47	456
U6	6	1-6A7, 1-6D6, 1-6F6, 1-6K7, 1-75, 1-84/6Z4	..	175
X1	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
X6	6	1-1C6, 2-30, 1-32, 1-33, 1-34	..	456
X8	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
Z2	6	1-6A7, 1-6D6, 1-6F5, 1-6H6, 1-42, 1-80	..	456
Z4, Z5	6	1-1C6, 1-19, 2-30, 1-32, 1-34	..	456
O-44	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
O-51	5	1-5W4GT, 1-6K6GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	51	455
O-61	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	51	455
O-77	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
O-527	5	2-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
O-557	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	..	455
1BR50BD	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-25Z6GT	..	455
1T	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L49C Resistor	..	TRF
4D	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	456
5L	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L49B Resistor	44	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPIEGEL, INCORPORATED—Continued				
5N	5	1-1A7GT, 1-1H5GT, 1-1N5GT 1-3Q5GT, 1-70L7GT	..	455
5Y	5	1-6C6, 2-6D6, 1-41, 1-75	..	175
6A	6	1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
6A60	9	3-6D6, 2-41, 1-75, 2-76, 1-80	..	465
6B	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
6G	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	44	455
6P	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
6Q	6	2-1A4T, 1-1A6, 1-1B1, 1-1G5G, 1-30	..	456
6T	6	1-6A7, 1-6D6, 1-6K5G, 1-41, 1-76, 1-80	..	456
6W	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	456
7AC	7	1-5W4, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	456
7C-PH	7	1-6A7, 1-6D6, 2-41, 1-75, 1-76, 1-80	51	455
7D	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
7J	7	1-6AB5/6N5, 1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
8A5	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
8C	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-41, 1-75, 1-76, 1-80	51	455
9B	9	1-19, 4-30, 4-34	..	456
9-72	7	1-6AC5GT, 1-6A8GT, 1-6D6, 1-6K7GT, 1-6P5GT, 1-75, 1-84/6Z4	51	262
9-627	6	1-6A7, 1-6D6, 1-6R7, 1-41, 1-76, 1-84/6Z4	..	455
10M	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-84/6Z4	..	370
10-70	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
10-72	7	1-6J5GT, 1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6X5GT	51	262
11S	11	1-5Z3, 1-6A8G, 2-6F6G, 4-6J5G, 1-6J7G, 2-6K7G	..	456
11X	8	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6G, 1-25Z5, 3-76, 3 Plug-in Resistors	..	456
12AC	12	2-5Y3G, 1-6A8G, 2-6C5G, 2-6F6G, 2-6H6G, 2-6K7G, 1-6U5/6G5	..	465
14A	9	3-6D6, 2-41, 1-75, 2-76, 1-80	..	465
16R	16	2-5Z3, 2-6H6G, 4-6J5G, 1-6J7G, 4-6K7G, 2-6L6G, 1-6L7G	..	456
22B	12	4-6D6, 3-42, 3-76, 2-80	..	456
23	6	1-1J6G, 1-6D8G, 3-6L5G, 1-6S7G	..	456
23E	7	1-1J6G, 1-6AB5/6N5, 1-6D8G, 3-6L5G, 1-6S7G	..	456
37B	5	1-1B5/25S, 1-1C6, 1-1E1, 1-33, 1-34	..	465
39B	7	1-1C6, 1-1J1, 1-19, 2-30, 2-34	..	465
40	6	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 1-41, 1-80	..	456
46A	8	1-6A7, 1-6C5, 2-6F6, 1-6K7, 1-6U5/6G5, 1-75, 1-80	..	465
58S	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	465
65B	6	1-1C6, 1-1F6, 1-1K1, 1-19, 1-30, 1-34	..	465
66-660	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
68B	7	1-6A7, 1-6U5/6G5, 2-15, 1-19, 2-76	..	465
72AE	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
75B	7	1-1C6, 1-1F6, 1-1G1, 3-30, 1-34	..	465
78-780	7	1-6A7, 1-6C5, 1-6D6, 1-6H6, 1-6K7, 1-6V6G, 1-84/6Z4	..	175
80B	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
88-880	8	1-0Z4, 1-6A7, 1-6C5, 1-6D6, 1-6K7, 1-6R7, 2-6V6G	..	175
91B	8	1-1B4P, 1-1C6, 1-1E1, 4-30, 1-34	..	465
98AE	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-76, 1-80	..	465
109B	6	1-1A4T, 1-1B4P, 1-1C6, 1-1G1, 1-1G5G, 1-30	..	465
112S	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	262
117	5	1-1A4T, 1-1B1, 1-1B5/25S, 1-1C6, 1-1F4	..	480

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SPIEGEL, INCORPORATED—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
1188	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
1198	4	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G	..	455
127	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
1288	6	1-1C7G, 1-1D5G, 1-1E5G, 1-1G1, 1-1G5G, 1-1H4G	..	455
129	8	1-1H4G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 2-33	..	456
130U	3	1-1A7GT, 1-1D8GT, 1-1N5GT	..	455
142	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-78, 1-80	..	456
145	8	1-6D8G, 1-1H4G, 1-6AB5/6N5, 1-6L5G, 1-6S7G, 1-6T7G, 2-33	..	456
147	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
152	6	1-1V, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	..	456
154	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
174B, 176B	6	2-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	455
175B	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
175E	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
184	5	1-6AB5/6N5, 1-6D8G, 1-6G5G, 1-6S7G, 1-6T7G	..	456
187B	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
190	7	1-6A7, 2-6D6, 2-42, 1-80, 1-85	..	456
194UL	5	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
202	7	1-1J6G, 1-6AB5/6N5, 1-6A8G, 3-6L5G, 1-6S7G	..	456
211	5	1-6A8G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-41	..	456
212	6	1-1J6G, 1-6A8G, 3-6L5G, 1-6S7G	..	456
216	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G	..	456
218	11	1-6A7, 1-6D6, 1-6U5/6G5, 1-25Z5, 2-43, 5-76	..	456
219	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
220	8	1-1H4G, 1-6AB5/6N5, 1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 2-33	..	456
297	4	1-6K6GT, 1-6K7GT, 1-6K8GT, 1-6SQ7GT	..	455
298	4	1-6F5GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
302	4	1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	..	TRF
402	3	1-25B8GT, 1-35Z5GT, 1-50L6GT	..	TRF
405	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	456
406	4	1-6A8G, 1-6G6G, 1-6S7G, 1-6T7G	..	456
509	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
510	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	456
510 Auto	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	44	455
529	6	1-6AC5G, 1-6A7, 1-75, 1-76, 1-78, 1-80	..	456
536	5	1-1B5/25S, 1-1C6, 1-1E1, 1-33, 1-34	..	456
551	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
553	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
559	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-84/6Z4	..	456
560, 561	5	2-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	456
562	5	1-1A4T, 1-1C6, 1-6AB5/6N5, 1-6T7G, 1-41	..	456
600	6	1-1C6, 1-19, 2-30, 2-34	..	456
603	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	265
603	6	2-6D6, 1-42, 1-75, 1-76, 1-80	..	456
610	6	1-6AC5G, 1-6J8G, 1-75, 1-76, 1-78, 1-80	44	456
610 Auto	5	1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6X5GT	51	455
611	6	2-1A5G, 1-1A7G, 1-1E4G, 1-1H5G, 1-1N5G	..	456
613	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
SPIEGEL, INCORPORATED—Continued				
620	6	1-6AC5G, 1-6A7, 1-6D6, 1-75, 1-76, 1-84/6Z4	..	456
620N	6	1-6A8GT, 1-6K6GT, 2-6K7GT, 1-6Q7GT, 1-6X5GT	..	456
629	7	1-6AC5G, 1-6A7, 1-6U5/6G5, 1-75, 1-76, 1-78, 1-80	..	456
630	6	1-6A7, 1-6D6, 1-25L6G, 1-25Z6, 1-49A, 1-75	..	456
630, 631	6	1-6G6G, 1-7A6, 1-7A8, 2-7B7, 1-7C6	47	456
633	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	456
650	6	1-6AC5G, 1-6A7, 1-75, 1-76, 1-78, 1-80	51	456
651	6	1-1A4T, 1-1A6, 1-6L5G, 1-6T7G, 1-19, 1-30	..	456
660	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	262.5
700	7	1-1A4T, 1-1C6, 1-19, 2-30, 2-34	..	456
701	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
710 Auto	5	1-6A8, 1-6K6G, 1-6K7, 1-6Q7G, 1-6X5G	51	455
711	7	1-6H4GT, 1-12A8GT, 1-12SF5GT, 2-12SK7GT, 1-35L6GT, 1-35Z5GT	51	456
720	7	1-6AC5G, 1-6A7, 1-6U5/6G5, 1-75, 1-76, 1-78, 1-80	51	456
721	7	1-5Y3G, 1-6AF6GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	47	456
725	7	1-1B5/25S, 1-1C6, 1-1J1, 1-19, 1-30, 2-34	..	456
745	7	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-76, 1-80	..	456
871	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
885	8	1-6A7, 1-6D6, 1-6H6G, 1-6U5/6G5, 2-6V6G, 1-6Y7G, 1-80	..	456
821	8	1-5Y3G, 1-6AF6GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	47	456
908	8	1-6A7, 1-6D6, 1-6U5/6G5, 2-41, 1-75, 1-76, 1-80	44	456
912	12	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 5-76, 2-80	46	456
961	9	1-5Y3G, 2-6K6GT, 3-6P5GT, 1-6SA7GT, 1-6SF5GT, 1-6SK7GT	47	456
1021	12	1-5Y3G, 5-6J5GT, 2-6K6GT, 1-6SA7GT, 2-6SK7GT, 1-6U5/6G5	46	456
1060B, 1070B, 1090B	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
1061	10	1-5Y3G, 2-6K6GT, 3-6P5GT, 1-6SA7GT, 1-6SF5GT, 1-6SK7GT, 1-6U5/6G5	47	456
1095B	7	1-1C6, 1-1F6, 1-1G1, 3-30, 1-34	..	465
1105	11	1-6A8G, 2-6C5G, 1-6H6G, 2-6J7G, 1-6K7G, 1-6U5/6G5, 2-6V6G, 1-80	..	456
1271	12	1-5Y3G, 2-6AC5GT, 1-6AF6G, 4-6P5GT, 1-6SA7GT, 2-6SK7GT, 1-6SQ7GT	..	456
2861	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	455
2952	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G, 1-25Z6GT	..	455
4536	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
5258	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	465
5700	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	465
6946	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
7700	7	1-1C6, 1-1J1, 1-19, 2-30, 1-32, 1-34	..	465
9100	9	1-1C6, 1-1J1, 4-30, 3-34	..	465
"STAR RAIDER"				
(See CONTINENTAL RADIO CORP.—Page 66)				
STEINITE RADIO MANUFACTURING COMPANY				
"STEINITE"				
8-T	8	3-24A, 3-27, 1-47, 1-80	..	175
40, 40A, 45, 45A	8	5-27, 2-71A, 1-80	..	TRF

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
STEINITE RADIO MANUFACTURING COMPANY—Continued				
40C, 60C	8	5-27, 2-45, 1-80	..	TRF
50, 50A	9	5-27, 2-50, 2-81	..	TRF
70, 80, 95	7	3-24A, 1-27, 2-45, 1-80	..	TRF
102, 102A	9	5-27, 2-50, 2-81	..	TRF
102C	8	5-27, 2-45, 1-80	..	TRF
203	8	3-24A, 2-27, 2-45, 1-80	..	175
261, 262, 263, 264, 265	7	4-26, 1-27, 1-71A, 1-80	..	TRF
420, 450, (Chassis 15)	6	3-24A, 1-27, 1-71A, 1-80	..	TRF
420, 450, (Chassis 17)	7	3-24A, 1-27, 2-45, 1-80	..	TRF
421, 425	6	3-24A, 2-45, 1-80	..	TRF
423	5	3-24A, 1-45, 1-80	..	TRF
600, 605, 630, 635, 642, 643	8	3-24A, 2-27, 2-45, 1-80	..	175
642-B, 700, 705, 706, 725, (Chassis 26)	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
700, 701, (Chassis 28)	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
STERLING MANUFACTURING COMPANY				
"STERLING"				
3-A, 4	8	3-24A, 2-27, 2-45, 1-80	..	TRF
8 Tube	8	4-24A, 1-27, 2-45, 1-80	..	TRF
A	6	1-30, 2-31, 3-32	..	TRF
B-3, B-4	8	3-24A, 2-27, 2-45, 1-80	..	TRF
C	6	4-24A, 1-45, 1-80	..	TRF
C Minstrel	7	4-24A, 2-45, 1-80	..	TRF
E-3-60, E-4-60	8	4-24A, 1-27, 2-45, 1-80	..	TRF
F, Bird, Tornado	5	3-24A, 1-45, 1-80	..	TRF
F-1-60	5	3-24A, 1-45, 1-80	..	TRF
M-N Miniature, P-Q	5	3-24A, 1-45, 1-80	..	TRF
V	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
VA	5	2-24A, 1-35/51, 1-47, 1-80	..	TRF
VI	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
STEWART RADIO AND TELEVISION CORPORATION				
"STEWART"				
50	6	1-6A7, 2-78, 1-84/6Z4, 1-85, 1-89	..	Super
STEWART-WARNER CORPORATION				
"STEWART-WARNER"				
A6	3	1-12B8GT, 1-12SA7GT, 1-70L7GT	..	465
A6S	3	1-12SA7, 1-25D8GT, 1-70L7GT	..	455
R100A, B, E, AC	8	3-24A, 2-27, 2-45, 1-80	..	TRF
R100C, DC	7	1-01A, 1-12A, 3-22, 2-71A	..	TRF
R101A, B, E, AC	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
R101C, DC	4	2-33, 2-36	..	TRF
R102A, B, E, AC	6	2-24A, 1-27, 1-35/51, 1-47, 1-80	..	177.5
R102C DC	7	2-33, 3-36, 2-37	..	177.5
R102D (7)	7	3-30, 3-32, 1-33	..	177.5
R102D (8)	8	5-30, 3-32	..	177.5
R104A, B, E	6	1-47, 1-56, 1-57, 1-58, 1-80, 1-Wunde	41	177.5
R105A, B, E	11	1-27, 2-47, 2-56, 2-57, 3-58, 1-80	41	177.5 (SW 1525
R106A, B, E	7	1-55, 1-56, 3-58, 1-59, 1-80	41	177.5
R108, 108X	4	1-12Z3, 1-36, 1-38, 1-39/44	..	TRF
R109	6	1-2A5, 1-55, 1-56, 2-58, 1-80	41	177.5
R110	10	2-2A5, 2-27, 1-35/51, 1-55, 3-58, 1-80	41	177.5
R111	6	1-6B7, 1-25Z5, 1-37, 1-43, 2-78	..	456
R112 Auto	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
R113	2	1-36, 1-37	..	Conv.
R114	2	1-56, 1-57	41	Conv.

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
STEWART-WARNER CORPORATION—Continued				
R115	6	1-6B7, 1-25Z5, 1-37, 1-43, 2-78	40	456
R116	5	1-6A7, 1-42, 1-75, 1-78, 1-80	40	456
R117 Auto	6	1-6A7, 1-42, 1-75, 2-78, 1-84/6Z4	..	177.5
R118 Auto	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	50	177.5
R119	6	1-6A7, 1-42, 2-78, 1-80, 1-85	40	177.5
R120	12	2-2A5, 1-55, 3-56, 2-57, 3-58, 1-80	41	177.5 (SW 1540)
R123	4	1-6A7, 1-6F7, 1-41, 1-80	40	456
R125	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	40	456
R126	7	1-6C6, 2-6D6, 1-42, 1-75, 1-76, 1-80	40	456
R127	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	40	456
R128	5	1-1B5/25S, 1-1C6, 1-30, 1-33, 1-34	48	456
R130	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	456
R131 Auto	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	44	177.5
R132 Auto	7	2-41, 1-76, 1-77, 2-78, 1-85	..	177.5
R133 Auto	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
R134	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	456
R136	7	1-5Z4, 1-6A8, 1-6F6, 1-6H6, 1-6J7, 2-6K7	40	456
R137	9	2-2A3, 1-6A8, 2-6C5, 1-6H6, 2-6K7, 1-83V	40	456
R138	11	2-2A3 1-6A8 1-6C5 2-6H6 1-6J7 3-6K7 1-83V	40	456
R139D	7	1-1A6, 1-1B5/25S, 1-1G1, 3-30, 1-34	48	456
R140	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	456
R142	5	1-6F6, 1-6J7, 2-6K7, 1-6X5	40	456
R143 Auto	6	2-6D6, 1-41, 1-75, 1-77, 1-84/6Z4	..	177.5
R144	5	1-6C6, 2-6D6, 1-41, 1-84/6Z4	44	456
R145	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	40	456
R146	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	40	456
R147	8	1-5Z4, 1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6L6, 1-6U5/6G5	40	456
R148	10	1-5V4G, 1-6A8, 2-6C5, 1-6H6, 2-6K7, 2-6L7, 1-6U5/6G5	40	456
R149	12	1-5V4G, 1-6A8, 2-6C5, 2-6H6, 1-6J7, 2-6K7, 2-6L6, 1-6U5/6G5	40	456
R160 Auto	6	2-6D6, 1-41, 1-75, 1-77, 1-84/6Z4	44	177.5
R161, 162	7	1-1C7G, 1-1D5G, 3-1H4G, 1-1H6G, 1-1R1G	48	456
R163, 164	6	1-1C7G, 1-1D5G, 3-1H4G, 1-1H6G	48	456
R167, 168	5	1-6J7G, 1-6K6G, 2-6K7G, 1-6X5G	40	456
R169	5	1-5V4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	262
R170X	8	1-5V4G, 1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6L6, 1-6U5/6G5	..	456
R171	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	44	465
R172	6	1-5V4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6U5/6G5	..	262
R173	7	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	40	456
R175X	5	1-5V4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	456
R301	2	1-24A, 1-27	..	Conv.
R303	2	1-56, 1-57	..	Conv.
01-5D	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	455
01-5H, 5H1, 5H9	5	1-5W4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
01-6A, B, C, D, E	6	1-5W4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
01-6F, G	6	1-5W4G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
01-6K, M	6	1-6X5G, 2-12K7GT, 1-12SA7, 1-12SQ7, 1-25L6G	51	455
01-6N	6	1-6SA7, 2-6SK7, 1-6SQ7, 1-25L6GT, 1-25Z6GT	..	455
01-8A, B	8	1-5W4G, 1-6H6, 1-6J5GT, 1-6SA7, 1-6SF5, 2-6SK7, 1-6V6G	..	455
01-8C	8	1-5W4G, 1-6F6G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
STEWART-WARNER CORPORATION—Continued				
01-9A	9	1-5Y3G, 2-6J5GT, 2-6K6GT, 1-12A8GT, 1-12Q7GT, 2-12SK7	44	455
01-52, 53, 54	5	1-5W4G, 1-6A8G, 1-6F6G, 1-6K7, 1-6Q7G	..	465
01-61	6	1-5W4G, 1-6A8G, 1-6F6G, 1-6H6, 1-6K7, 1-6Q7G	..	465
01-81	8	1-5W4G, 1-6A8G, 1-6F6G, 1-6H6, 1-6J5G, 2-6K7, 1-6Q7G	..	465
02-4A, B, C	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
02-5T1 to 02-5T9	5	1-1A7G, 1-1G4G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
02-41, 42	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	465
03-5A, B, C, E, J	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	455
03-5K	5	1-12SA7, 1-12SQ7, 1-25B8GT, 1-35L6GT, 1-35Z5GT	..	455
03-5R, 5S	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
03-6J, L	6	1-6SA7, 2-6SK7, 1-6SQ7, 1-25L6GT, 1-25Z6GT	44	455
03-6N, 6N1, 6N1Z	6	1-6SA7, 2-6SK7, 1-6SQ7, 1-25L6GT, 1-25Z6GT	44	455
05-51	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT, 1-70L7GT	..	455
07-31	3	1-12SA7, 1-25B8GT, 1-70L7GT	..	455
07-32	3	1-12SA7, 1-25D8GT, 1-70L7GT	..	455
07-51H, 5S	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	465
07-63	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	..	465
07-511 to 07-519	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	..	465
08-52, 54, 010-52, 53, 53S, 54	5	1-5W4G, 1-6A8G, 1-6F6G, 1-6K7, 1-6Q7G	..	455
11-2A1	2	1-35L6GT, 1-35Z5GT	..	...
11-5V	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
11-5W	5	1-5W4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
11-6R	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
11-6T	6	1-5Y3G, 1-6F6G, 1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
11-6U	6	1-5W4G, 1-6F6G, 1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
11-7A	7	1-5Y3G, 2-6F6G, 1-6J5GT, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
11-8D	8	1-5Y3G, 2-6F6G 1-6SA7, 2-6SK7, 2-6SQ7	..	455
11-8F, 8FZ	8	1-5W4G, 1-6F6G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	44	455
11-8R	8	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SC7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	..	455
11-9B	9	1-5Y3G, 2-6F6G, 2-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7	..	455
11-10A	10	1-5U4G, 1-6J5GT, 1-6SA7, 2-6SK7, 2-6SQ7, 1-6U5/6G5, 2-6V6GT	..	455
11-10A, 10AZ	9	1-5U4G, 1-6J5GT, 1-6SA7, 2-6SK7, 2-6SQ7, 2-6V6GT	44, 51	455
12-4D	4	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT	..	455
13-5U1, 5U9	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
13-6P1 to 6P9	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
15-5Y	5	1-1LA6, 1-1LH4, 1-1LN5, 1-3Q5GT, 1-35Z3	..	455
91-51, 53, 98-51, 53	5	1-5W4G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	44	465
91-61, 62, 98-61	6	1-5W4G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G, 1-6U5/6G5	44	465
91-64, 98-64, 910-64	6	1-5W4G, 1-6A8G, 2-6K6G, 1-6K7, 1-6Q7G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
STEWART-WARNER CORPORATION—Continued				
91-71	7	1-5W4G, 1-6C5G, 1-6K6G, 1-6L7G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	465
91-81, 98-91	8	1-5Y3G, 1-6A8G, 2-6K6G, 2-6K7, 1-6Q7G, 1-6U5/6G5	44	465
91-111, 98-111	11	2-5W4G, 1-6J5G, 3-6K7, 1-6L7G, 1-6R7G, 1-6U5/6G5, 2-6V6G	44	465
91-648	6	1-5W4G, 1-6A8G, 1-6F6G, 1-6H6, 1-6K7, 1-6Q7G	..	465
97-52, 521, 529	5	1-6A8G, 1-6K7, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-L49B Resistor	44	465
97-56, 561, 569	4	1-6A8G, 1-6J7G, 1-25L6G, 1-25Z6G, 1-L55B Resistor	..	465
97-571 to 97-579	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT	44	465
178 Auto	6	1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6X5	..	262
180	5	1-5W4G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U7G	..	465
181	6	1-5W4G, 1-6C5G, 1-6K6G, 1-6L7G, 1-6Q7G, 1-6U7G	..	465
182	7	1-5W4G, 1-6C5G, 1-6H6G, 1-6K5G, 1-6L7G, 1-6U7G, 1-6V6G	..	465
183	8	1-5Y3G, 1-6C5, 1-6F5, 1-6H6, 2-6K7, 1-6L6G, 1-6L7	..	465
184	10	1-5U4G, 1-6C5, 1-6F5, 1-6H6, 1-6J7, 3-6K7, 1-6L6, 1-6L7	..	465
185	11	1-5U4G, 2-6C5, 1-6H6, 1-6J7, 3-6K7, 1-6L7, 2-6V6	..	465
186	14	2-5W4, 3-6C5, 2-6H6, 1-6J7, 3-6K7, 1-6L7, 2-6V6	..	465
188 AC-DC	4	1-6A7, 1-6D6, 1-43, 1-75, 1-M49B Resistor	..	465
190 Battery	5	1-1A1/5E1, 1-1C6, 1-1F6, 1-33, 1-34	..	465
192 Battery	6	1-6A8G, 2-6L5G, 2-6S7G, 1-19	..	465
304	5	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	465
530, 535, 715, 720	7	4-26, 1-27, 1-71A, 1-80	..	TRF
750	8	2-12A, 4-26, 1-27, 1-80	..	TRF
801 Series A	7	4-26, 1-27, 1-71A, 1-80	..	TRF
801 Series B	8	2-12A, 4-26, 1-27, 1-80	..	TRF
806B	7	1-00A, 4-01A, 2-12A	..	TRF
900 Series AC	8	5-27, 2-45, 1-80	..	TRF
920 Series Batt	7	1-00A or 01A, 4-01A, 2-12A	..	TRF
930 Series DC	7	5-12A, 2-71A	..	TRF
950 Series AC	8	3-24A, 2-27, 2-45, 1-80	..	TRF
970 Series DC	7	1-01A, 1-12A, 3-22, 2-71A	..	TRF
980 Series Batt	7	2-01A, 2-12A or 71A, 3-22	..	TRF
STORY AND CLARK RADIO CORPORATION				
"STORY AND CLARK"				
36, Miniature	7	3-24A, 1-27, 2-45, 1-80	..	TRF
43, 51	8	3-24A, 2-27, 2-45, 1-80	..	TRF
44	4	2-35/51, 1-47, 1-80	..	TRF
74	9	4-27, 3-35/51, 1-47, 1-80	..	Super
75	10	4-27, 3-35/51, 2-47, 1-80	..	Super
77	7	2-27, 3-35/51, 1-47, 1-80	..	Super
.....	5	3-35/51, 1-47, 1-80	..	TRF
STROMBERG-CARLSON TELE. MFG. COMPANY				
"STROMBERG-CARLSON"				
D957	4	4-71A	..	Amp.
1A, 2A, 2B	5	5-01A	..	TRF
1B, 2C, 2D	5	4-01A, 1-12A	..	TRF
2	4	3-24A, 1-27	..	TRF
10, 11	7	4-24A, 2-45, 1-80	..	TRF
12, 14	10	3-24A, 3-27, 2-45, 2-80	..	TRF
16, 17 DC	7	3-24A, 2-27, 2-45	..	TRF
19, 20, 29	9	2-27, 4-35/51, 2-45, 1-80	..	175

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STROMBERG-CARLSON TELE. MFG. COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
22, 24	10	3-27, 4-35/51, 2-45, 1-80	..	175
25, 26	8	4-24A, 1-27, 2-45, 1-80	..	175
27	10	2-24A, 3-27, 1-35/51, 2-45, 2-80	..	175
31, 31X	7	5-36, 1-37, 1-38	..	175
33, 33A	6	1-6A7, 1-6B7, 1-37, 2-41, 1-78	..	260
37, 38, 39, 40, 41	9	2-45, 2-56, 4-58, 1-80	..	175
38, 39, 40, 41	10	2-45, 2-55, 1-56, 1-57, 3-58, 1-80	..	175
48, 49, 50, 51	11	2-2A3, 1-5Z3, 1-55, 3-56, 1-57, 3-58	..	175
52, 54	12	2-2A3, 1-2B7, 1-5Z3, 1-27, 3-35/51, 1-55, 2-56, 1-57	..	175
55, 56	8	2-2A5, 1-2B7, 1-5Z3, 1-6A7, 1-55, 1-58, 1-78	..	175
58L, 58LB, 58T, 58TB, 58W, 58WB	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	465
60T, 60L	7	1-6A7, 1-6B7, 1-6D6, 1-37, 2-42, 1-80	..	370
61-LZ	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
62, 62B, 63, 63B	8	1-5Z3, 1-6A8, 2-6F6, 1-6H6, 3-6K7	..	465
64	8	1-5Z3, 1-6A7, 1-6B7, 1-37, 3-42, 1-78	..	260
65, 66	9	1-5Z3, 1-6A7, 1-6B7, 3-42, 2-78, 1-85	..	465
68	10	1-5Z3, 1-6A7, 1-6B7, 2-6D6, 3-42, 1-76, 1-85	..	370
69 SW Conv	4	1-6A7, 1-6D6, 1-76, 1-84/6Z4	..	...
70, 72	13	2-2A3, 1-5Z3, 1-6A7, 1-6B7, 2-6C6, 4-6D6, 1-42, 1-76	..	465
70, 70B, 72, 72B, 72D	13	2-2A3, 1-5Z3, 1-6A7, 1-6B7, 2-6C6, 4-6D6, 1-42, 1-76	..	260
74	16	4-2A3, 2-5Z3, 1-6A7, 1-6B7, 2-6C6, 4-6D6, 1-42, 1-76	..	260
82, 82B	10	1-5Z3, 1-6A7, 3-6D6, 3-42, 2-76	..	465
83	11	1-5Z3, 1-6A8, 1-6C5, 3-6F6, 1-6H6, 3-6K7, 1-6J7	..	465
84	12	1-5Z3, 1-6A8, 1-6C5, 4-6F6, 1-6H6, 1-6J7, 3-6K7	..	465
115	7	1-1B5/25S, 1-1C6, 1-30, 2-34, 2-49	..	465
125H, AC-DC	5	1-6A8, 1-6K7, 1-6Q8, 1-25Z5, 1-43	..	465
126 AC-DC, 126H, 126L, 126P	7	1-6A8, 2-6K7, 1-6Q7, 1-25Z5, 2-43	..	465
127, 127H	9	1-6A8, 1-6E5, 2-6K7, 1-6Q7, 2-25Z5, 2-48	..	465
130J, 130R	8	1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
130H, 130L	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
130M, 130R	8	1-6A8, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
130U	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
140H, 140K, 140L, 140P	9	1-5Z3, 1-6A8, 1-6E5, 2-6F6, 3-6K7, 1-6Q7	..	465
145L, 415P	10	1-5Z3, 1-6A8, 1-6E5, 1-6J7, 3-6K7, 2-6L6, 1-6Q7	..	465
150L	12	1-5Z3, 1-6A8, 1-6E5, 2-6H6, 1-6J7, 4-6K7, 2-6L6	..	465
160L, 160P	14	1-5Z3, 1-6A8, 1-6E5, 1-6F6, 2-6H6, 2-6J7, 4-6K7, 2-6L6	..	465
180L	18	1-5Z3, 1-6A8, 1-6E5, 1-6F5, 2-6F6, 2-6H6, 3-6J7, 5-6K7, 2-6L6	..	465
225H	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6G, 1-25Z6G	..	465
228H, 228L	6	1-5Y4G, 1-6A8, 1-6F6G, 1-6K7, 1-6Q7, 1-6U5/6G5	..	465
229P	8	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 1-80	..	465
230H, 230L, 231F, 231R, 231P	7	1-5Y4G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6U5/6G5	..	465
235H, 235HB, 235L, 235LB	8	1-5Y4G, 1-6A8, 1-6B8, 1-6F6, 1-6H6, 1-6J5, 1-6K7, 1-6U5/6G5	..	465

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STROMBERG-CARLSON TELE. MFG. COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
240H, 240L, 240M, 240R, 240S, 240W, 240P.....	11	1-5U4G, 1-6A8, 2-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5.....	..	465
245L, 245LB, 245M, 245MB, 245R, 245RB, 245P, 245PB.....	11	1-5U4G, 1-6A8, 1-6B8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 1-6J5, 1-6K7, 1-6U5/6G5.....	..	465
250L, 250LB, 255L, 255LB.....	13	1-5U4G, 1-6A8, 1-6B8, 1-6C5, 1-6F5, 1-6H6, 2-6J7, 2-6K7, 2-6L6, 1-6U5/6G5.....	..	465
260L, 260LB, 260P, 260PG.....	16	1-5U4G, 1-6A8, 1-6C5, 2-6H6, 2-6J7, 5-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5.....	..	465
320H, 320HB, 320T, 230TB, 325J, 325JB, 325N, 325S, 325SB.....	5	1-6A8, 1-6K7, 1-6Q7G, 1-6V6G, 1-80.....	..	455
335L, 335LB, 336P, 336PB.....	7	1-6A8, 1-6F5, 1-6F6G, 1-6H6, 1-6K7, 1-6U5/6G5, 1-80.....	..	455
337H, 337L.....	7	1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-6K8, 1-6U5/6G5, 1-80.....	..	455
340F, 340H, 340M, 340P, 340V, 341P, 341R.....	9	1-6A8, 1-6C5, 1-6F5, 1-6H6, 1-6K7, 1-6U5/6G5, 2-6V6G, 1-80.....	..	455
345F, 345M.....	10	1-5Z3, 1-6C5, 1-6F5, 1-6H6, 2-6K7, 1-6K8, 1-6U5/6G5, 2-6V6G.....	..	455
350M, 350P, 350R, 350V.....	11	1-5Z3, 1-6A8, 1-6B8, 1-6C5, 2-6F6, 1-6F8G, 1-6H6, 2-6K7, 1-6U5/6G5.....	..	455
360M.....	12	1-5Z3, 1-6A8, 1-6B8, 2-6F6, 1-6F8G, 1-6H6, 2-6K7, 1-6N7, 1-6R7, 1-6U5/6G5.....	..	455
370M.....	14	1-5Z3, 1-6A8, 1-6C5, 1-6F5, 1-6F8G, 2-6H6, 3-6K7, 2-6L6, 1-6R7, 1-6U5/6G5..	..	455
400H, 400HB, 400N, 400NB, 400S, 400SB.....	5	1-6A8G, 1-6K7, 1-6SQ7, 1-6V6G, 1-80.....	44	455
402.....	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT..	..	455
403, 403A, 403AA, 403B.....	3	1-80, 2-SC list 2957 Tungar.....	..	Amp.
404, 404A.....	4	2-81, 2-SC list 2955 Tungar.....	..	Amp.
405H.....	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT.....	..	455
410H, 410HB, 410J, 410JB, 410T, 410TB, 411PF, 411PFB, 411PT, 411PTB.....	5	1-6A8G, 1-6F6G, 1-6K7, 1-6SQ7, 1-80.....	..	455
412H, 412HB.....	6	1-6A8, 1-6B8, 1-6J5, 1-6K6G, 1-6K7, 1-80..	44	455
420H, 420HB, 420L, 420LB, 420PL, 420PLB, 420PR, 420PRB.....	7	1-6A8G, 1-6AF6G, 1-6F6G, 1-6H6, 1-6K7, 1-6SQ7, 1-80.....	..	455
425H, 425HB.....	8	2-6AC7/1852, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SJ7, 1-80.....	44	2.1
430H, 430HB, 430L, 430LB, 430M, 430PL, 430PLB, 430PF, 430PFB...	9	1-6A8, 1-6AF6G, 1-6H6, 1-6K7, 2-6SQ7, 2-6V6G, 1-80.....	44	455
430M, 430MB, 440M, 440MB...	10	1-6A8, 1-6AF6G, 1-6H6, 1-6J5, 1-6K7, 2-6SQ7, 2-6V6G, 1-80.....	..	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
STROMBERG-CARLSON TELE. MFG. COMPANY—Continued				
435M	16	1-6A8, 2-6AC7/1852, 1-6AF6G, 2-6H6, 1-6K7, 1-6SA7, 1-6SJ7, 1-6SK7, 2-6SQ7, 2-6V6G, 2-80	44	455
450M, 450MB	11	1-5Z3, 1-6A8, 1-6AF6G, 2-6F5, 2-6F6G, 1-6H6, 1-6J5, 2-6K7	..	455
455M, 455MB, 455PL, 455PLB	12	1-5Z3, 2-6AC7/1852, 2-6H6, 1-6SA7, 1-6SC7, 1-6SJ7, 1-6SK7, 1-6U5/6G5, 2-6V6G	44	455
460PF	12	1-5Z3, 1-6A8, 1-6B8, 2-6F6, 1-6F8G, 1-6H6, 2-6K7, 1-6N7, 1-6R7, 1-6U5/6G5	44	455
480M, 480MB	20	1-5Z3, 1-6AF6G, 1-6C8G, 1-6F8G, 1-6K7, 3-6H6, 2-6L6, 1-6R7, 2-6SA7, 1-6SJ5, 5-6SK7, 1-6SQ7	..	455
500H, J, S	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
501, 501A, 501B, 502, 502A, 502B, 523, 524	5	4-01A, 1-71A	..	TRF
505H, 505HB	9	1-6AB5/6N5, 2-6AC7/1852, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SJ7, 1-80	44	4.3
509PF, PT	5	1-6A8G, 1-6F6G, 1-6K7, 1-6SQ7, 1-80	44	455
515M	17	1-6AB7/1853, 2-6AC7/1852, 1-6AF6G, 1-6A8, 2-6H6, 1-6K7, 1-6SA7, 1-6SJ7, 1-6SK7, 2-6SQ7, 2-6V6G, 2-80	44	455, 4.3
520H, L, PF, PL	7	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6GT	44	455
523 DC	4	4-01A	..	TRF
530 PL	9	1-5Y3G, 1-6SA7, 1-6SC7, 2-6SK7, 1-6SR7, 1-6U5/6G5, 2-6V6GT	44	455
535M, PL, PG, PS	15	1-5U4G, 1-6AB7/1853, 2-6AC7/1852, 1-6H6, 2-6SA7, 1-6SC7, 1-6SJ7, 2-6SK7, 1-6SR7, 1-6U5/6G5, 2-6V6GT	44	455, 4.3
585M, 585PF	19	1-5Z3, 1-6AF6G, 1-6C8G, 1-6F8G, 3-6H6, 1-6K7, 2-6L6, 1-6R7, 2-6SA7, 1-6SJ5, 5-6SK7	44	455, 4.3
601, 601A, 601B, 602A, 602B	6	5-01A, 1-12A	..	TRF
633, 634	6	5-01A, 1-71A	..	TRF
635, 636	7	5-27, 1-71A, 1-80	..	TRF
635 DC, 638 DC	9	5-01A, 4-71A	..	TRF
638 AC	8	5-27, 2-71A, 1-80	..	TRF
641, 642, 652, 654	6	3-24A, 1-27, 1-45, 1-80	..	TRF
645 DC	8	3-24A, 3-27, 2-45	..	TRF
846	9	3-24A, 3-27, 2-45, 1-80	..	TRF
STUDEBAKER CORPORATION				
"STUDEBAKER"—Philco Receivers				
AC206	6	1-6A7, 2-39/44, 1-41, 1-75, 1-84/6Z4	..	260
AC206 Code 122	6	1-6A7, 2-39/44, 1-42, 1-75, 1-84/6Z4	..	260
AC236	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
AC266	6	1-36, 1-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
R	6	2-39/44, 1-42, 1-75, 1-77, 1-84/6Z4	..	260
ST3	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
ST12	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
ST15	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
S1431	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	260
"TATRO"				
(See L'TATRO MANUFACTURING COMPANY—Page 156)				
TEMPLE RADIO CORPORATION				
"TEMPLE"				
7-60, 7-80, 8-60, 8-80, 8-90	9	6-27, 2-45, 1-80	..	TRF
110, 111	6	2-24A, 2-35/51, 1-47, 1-80	..	Super
130	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	Super
150	9	3-24A, 1-27, 3-35/51, 1-47, 1-80	..	Super
170, 171	10	4-27, 3-35/51, 2-47, 1-80	..	Super

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
"TIFFANY TONE"				
(See HERBERT H. HORN—Page 140)				
TRANSFORMER CORPORATION OF AMERICA				
"CLARION"				
C-10	4	1-6B5, 2-6C6, 1-83V	..	Amp.
C-16, C-17	6	1-6A6, 2-6B5, 1-6C6, 1-76, 1-83V	..	Amp.
TC-20, 21	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	465
C21	8	3-6C5, 2-6J7, 2-6L6, 1-83V	..	Amp.
25-60, 25-61	6	3-24A, 2-45, 1-80	..	TRF
25-94	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
25-160	10	4-27, 3-35/51, 2-47, 1-80	..	175
25-220	6	1-24A, 2-35/51, 1-47, 1-57, 1-80	..	175
25-260	10	3-27, 2-35/51, 2-47, 1-56, 1-57, 1-58	..	175
25-280	12	3-27, 2-35/51, 4-46, 1-56, 1-57, 1-80	..	175
C-27	8	2-2A6, 2-46, 2-53, 1-59, 1-83V	..	Amp.
TC-30	4	1-6C6, 1-6D6, 1-12Z3, 1-43	..	TRF
C-33	7	1-6A6, 1-6F6, 2-75, 1-76, 2-79	..	Amp.
40	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
TC-40	5	1-6C6, 2-6D6, 1-42, 1-80	..	...
TC-50	5	1-41, 1-75, 1-77, 2-78	..	175
51, 53, 55	8	3-24A, 2-27, 2-45, 1-80	..	TRF
TC-52	5	1-25Z5, 1-43, 2-77, 1-78	..	115
AC-60	6	3-24A, 2-45, 1-80	..	TRF
TC-60	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	..	456
AC-61	6	3-24A, 2-45, 1-80	..	TRF
AC-70	7	3-24A, 1-27, 2-45, 1-80	..	TRF
AC-80, 81	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
AC-84, 85, 120	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
AC-90, 90A, 91	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
AC-94, 95	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
AC-100 Series	6	2-24A, 2-35/51, 1-47, 1-80	..	175
100-AR	5	1-6A7, 1-6B7, 1-78, 1-84/6Z4, 1-89	..	465
120-139	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
AC-160	10	4-27, 3-35/51, 2-47, 1-80	..	175
200 (SW Conv.)	3	1-24A, 1-27 1-35/51	..	600 or 1000 or 1500
AC-220	6	1-24A, 2-35/51, 1-47, 1-57, 1-80	..	175
AC-240	8	1-24A, 1-27, 2-35/51, 1-47, 1-56, 1-58, 1-80	..	490
241	8	1-27, 2-35/51, 1-47, 2-56, 1-57, 1-80	..	175
AC-260	10	3-27, 2-35/51, 2-47, 1-56, 1-57, 1-80	..	175
AC-280	12	3-27, 2-35/51, 4-46, 1-56, 1-57, 1-80	..	175
AC-300	14	2-46, 7-56, 4-58, 1-82	..	175
AC-320	5	1-47, 2-57, 1-58, 1-80	..	175
AC-340	8	2-47, 2-56, 1-57, 2-58, 1-80	..	175
360	10	3-46, 3-56, 1-57, 2-58, 1-82	..	175
AC-420	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	TRF
422, 423, 425	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	465
440	4	1-6A7, 1-25Z5, 1-43, 1-77	..	465
450	6	1-6A7, 1-25Z5, 1-43, 2-78, 1-85	..	465
470, 472	6	1-2A6, 1-47, 1-56, 2-58, 1-80	..	465
480	10	1-5Z3, 3-56, 3-58, 3-59	..	465
490	8	1-53, 1-55, 2-56, 3-58, 1-80	..	175
500	7	1-1A6, 1-19, 3-30, 2-34	..	175
"TRANSITONE"				
(See PHILCO RADIO AND TELEVISION CORPORATION—Page 178)				
TRAUL RADIO COMPANY				
"ULTRADYNE"				
L-33 Junior	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
TRAV-LER RADIO & TELEV. CORPORATION				
"TRAV-LER"				
A250	6	1-6A7, 1-6D6, 1-26L6, 1-25Z5, 1-75, 1-76, 1-L42C Resistor	40	456
A502	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-185R8 Resistor	..	TRF

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TRAV-LER RADIO & TELEV. CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
A549	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
B, T-6	6	4-24A, 1-47, 1-80	..	...
B70, B71-1	4	1-1A7GT, 1-1T5GT, 1-3A8GT, 1-35Z4GT	..	456
B-71-2, B80, B81	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5G, 1-35Z4GT	..	456
Brownie	4	2-24A, 1-27, 1-80	..	TRF
C	6	4-24A, 1-45, 1-80	..	TRF
FB73	4	1-1A7G, 1-1T5G, 1-3A8G, 1-117Z6G	..	456
FB82	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5G, 1-117Z6G	..	456
K	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
L	4	2-24A, 1-47, 1-80	..	TRF
M, Trav-lette	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
S8	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
S9	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
S10	10	1-24A, 4-27, 2-35/51, 2-47, 1-80	..	175
SG-DX	6	4-24A, 1-45, 1-80	..	TRF
6T TRF	6	1-24A, 3-26, 1-45, 1-80	..	TRF
32	7	2-6A6, 1-6A7, 2-6D6, 1-43, 1-75	..	456
41-46, 50A, 50AM	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
42F	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
51, 53	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
54	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	456
56	5	1-1E1, 1-32, 1-33, 2-34	..	456
60A	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
63A	6	1-6A7, 1-6D6, 1-42, 2-75, 1-80	..	...
63M	6	1-5Z4, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	...
76	7	1-1B5/25S, 1-1C6, 1-1E1, 3-30, 1-34	..	...
112	12	2-5Y3G, 2-6C5G, 1-6H6G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G	..	465
115	15	2-5Y3G, 3-6C5G, 1-6H6G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 4-6V6G	..	465
131	11	1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 2-80	..	456
131 Late	11	1-6A8, 1-6F5, 3-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 2-80	..	456
136	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
137	6	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-76, 1-K42BK4 Resistor	..	456
138	8	1-6A7, 1-6D6, 2-6V6G, 2-76, 1-80, 1-85	..	456
163	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
173	7	1-1C6, 1-19, 3-30, 2-34	..	456
179	7	1-6D8G, 2-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-6Z7G	..	456
250	5	1-1A4T, 1-1A6, 1-1B4P, 1-1F4, 1-30	..	456
315, 315 SW	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6, 1-L49C Resistor	40	456
325	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	40	456
336	6	1-6K7, 1-6K8, 1-41, 1-75, 1-76, 1-80	46	456
337	6	1-6K7, 1-6K8, 1-25L6, 1-25Z5, 1-75, 1-76, 1-L42C Resistor	40	456
400, 400W	4	1-6F5GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	..	TRF
410	4	1-12SK7, 1-12SQ7, 1-35Z4, 1-50L6	..	TRF
415	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z5GT	..	456
420	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	TRF
420A, 420S	4	1-6D6, 1-6F5G, 1-25L6G, 1-25Z5, 1-L55B Resistor	..	TRF
425, 465	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
426, 466	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-L49B Resistor	..	456
431, 431 SW	3	1-6C6, 1-6D6, 1-25A7, 1-K80B Resistor	..	TRF
436M	6	1-6AC5G, 1-6K7G, 1-6K8G, 1-75, 1-76, 1-80	..	456
437M	7	1-6K7G, 1-6K8G, 1-25L6G, 1-25Z5, 2-76, 1-L42C Resistor	..	456

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TRAV-LER RADIO & TELEV. CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
440, 445	3	1-6C6, 1-6D6, 1-25A7, 1-K80B Resistor	..	TRF
442	4	1-6C6, 1-6D6, 1-25Z5, 1-43	..	TRF
450, 452	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor.	..	TRF
455, 455L	5	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75	..	456
455LN	6	1-6A7, 1-6D6, 1-25L6, 1-25Z6, 1-75, 1-76, 1-L42C Resistor	40	456
460	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-185R8 Resistor	..	TRF
470, 471, 472, 473.	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55C Resistor	..	TRF
500	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	..	456
501	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-55KB Resistor	..	TRF
502A	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-185R8 Resistor	..	TRF
503A	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-185L8 Resistor	..	TRF
511	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
511A	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	456
512	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	..	456
521	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-K55B Resistor	..	TRF
522	4	1-6A7, 1-6D6, 1-25A7, 1-75, 1-K74B Resistor	..	456
525	5	1-1A4T, 1-1C6, 1-19, 1-30, 1-75	..	456
526, 527, 5270	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
530	4	1-6F5G, 1-6K7G, 1-25L6GT, 1-25Z5, 1-K55B Resistor	..	TRF
536M	7	1-5Y3G, 1-6F6G, 2-6K7G, 1-6K8G, 1-6Q7G, 1-6U5/6G5	..	456
539M	9	1-5X4G, 1-6K8G, 3-6K7G, 1-6R7G, 1-6U5/6G5, 2-6V6G	..	456
542	5	1-6A7, 1-6B5, 1-6D6, 1-75, 1-84/6Z4	..	456
550	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
551B, 552B, 553, 553B, 554	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
556	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5G, 1-25Z6	40	456
556N	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1T5G, 1-35Z4GT	..	456
560B	5	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
570B	8	1-6AB5/6N5, 1-6K8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6Z7G, 1-6ZY5G	..	456
575B	6	1-6G6G, 1-6K8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
590	5	1-1A4T, 1-1A6, 1-1B4P, 1-1F4, 1-30	..	456
600	6	1-1A4T, 1-1A6, 1-1B4P, 1-1F4, 1-6AB5/6N5, 1-30	..	456
601, 770 Auto	7	1-0Z4, 1-6A8G, 1-6F5G, 1-6H6, 2-6K7G, 1-6V6G	..	262
616	6	1-6A7, 1-6D6, 1-41, 2-76, 1-80	..	456
621 Auto	6	1-6A8, 1-6K6, 2-6K7, 1-6Q7, 1-6X5	44	456
622, 623, 626	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-165R8 Resistor	..	456
627	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-K48BK4 Resistor	..	456
630, 6300, 633, 634	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
635M	6	1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7, 1-80	..	456
642 Auto	6	1-0Z4, 1-6A7, 1-6B5, 2-6D6, 1-75	..	...
645	6	1-5Y3G, 1-6F6G, 2-6K7G, 1-6K8, 1-6Q7	..	456
645E	7	1-5Y3G, 1-6F6G, 2-6K7G, 1-6K8, 1-6Q7, 1-6U5/6G5	..	456
650	5	1-1A4T, 1-1A6, 1-1B4P, 1-1F4, 1-30	..	456
660 Auto	6	1-6A7, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	262
679	7	1-6D8G, 2-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-6Z7G	..	456
680	8	1-6AB5/6N5, 1-6D8G, 2-6L5G, 1-6S7G, 1-6T7G, 1-6Z7G, 1-6ZY5G	..	456
701	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25B6G, 1-25Z5, 1-75	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
TRAV-LER RADIO & TELEV. CORPORATION—Continued				
710	7	1-0Z4, 1-6A8, 1-6J5, 2-6K7, 1-6N7, 1-6Q7	..	456
716	6	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 2-76, 1-L42B Resistor	..	456
730	6	1-6A7, 1-6D6, 1-25L6G, 1-25Z5, 1-75, 1-76, 1-K42BK4 Resistor	..	456
733	7	1-1C6, 1-19, 3-30, 2-34	..	456
830	8	1-6A7, 1-6D6, 2-6V6G, 2-76, 1-80, 1-85	..	456
1555	5	1-1A7G, 1-1H5G, 2-1N5G, 1-1Q5G	..	456
TROJAN FACTORIES, LTD.				
"TROJAN"				
Baby	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
Giant	7	1-24A, 1-27, 3-35/51, 1-47, 1-80	..	TRF
Giant	8	1-24A, 1-27, 3-35/51, 2-47, 1-80	..	TRF
Junior	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	TRF
Motor	8	3-36, 2-37, 3-38	..	Super
Tiny	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
4A Tiny	4	1-48, 1-57, 1-58, 1-80	..	TRF
5C Baby	5	1-48, 1-57, 2-58, 1-80	..	TRF
8H Giant	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
8H Giant	8	2-48, 2-56, 3-58, 1-80	..	Super
TROY RADIO & TELEVISION COMPANY				
"TROY"				
C170	7	1-6A7, 1-6D6, 1-6R7G, 1-6U5/6G5, 2-6V6G, 1-80	..	465
M41	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-BK55BG Resistor	..	TRF
M51	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
M61	6	1-6A7, 1-6D6, 1-6F5G, 1-41, 1-76, 1-80	..	465
M72, AC-DC	6	1-6D6, 1-6F5G, 1-6K8, 1-25L6G, 1-25Z5, 1-76, 1-BK42C Resistor	..	465
M516	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
M626	6	1-6D6, 1-6F5G, 1-6K8, 1-41, 1-76, 1-80	..	465
P51	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
P626	6	1-6D6, 1-6F5G, 1-6K8, 1-41, 1-76, 1-80	..	465
TR557	5	1-6K6, 1-6K7, 1-6K8, 1-6Q7, 1-6X5	..	465
X72	6	1-6D6, 1-6F5G, 1-6K8, 1-41, 1-76, 1-80, 1-610-10 Resistor	..	465
4	4	1-6D6, 1-42, 1-76, 1-80	..	465
4A	4	1-6C6, 1-6D6, 1-42, 1-80	..	TRF
45, 45M, 55, 825	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
50	4	1-6A7, 1-6F7, 1-42, 1-80, 1-610-10 Resistor	..	465
53	5	1-5Y3G, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	465
55, 555CC	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80	..	465
57	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
57B	5	1-1A4T, 1-1A6, 1-1B5/25S, 1-19, 1-30	..	465
57PC	8	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 1-610-10 Resistor	..	465
57PC CC	5	1-6A7, 1-6D6, 1-41, 1-76, 1-80	..	465
57, 57 SW	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
59PC	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
66	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
67, 67 SW	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
68 Auto	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	465
69B	5	1-1A4T, 1-1B4P, 1-1C6, 1-19, 1-30	..	465
75	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
75A	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-42, 1-75, 1-80	..	465
75B	4	1-1A4T or 34, 1-1A6, 1-1B5/25S, 1-33	..	465
75 P. C	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
79	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80, 1-610-10 Resistor	..	465
79	6	1-0Z4, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	..	465
79-6110	6	1-0Z4, 1-6D8G, 2-6S7G, 1-6T7G, 1-41	..	465
85	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
TROY RADIO & TELEVISION COMPANY—Continued				
86 Auto	6	1-6A8G, 1-6AB6G, 2-6K7, 1-6Q7G, 1-84/6Z4	..	465
95	7	1-5Y3G, 1-6A8, 1-6F5, 1-6H6, 2-6K7, 1-6U5/6G5, 1-610-10 Resistor	..	465
95PC	8	1-5Y3G, 1-6A8, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5, 1-6V6G, 1-610-10 Resistor	..	465
100	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
113	11	1-6A8G, 3-6C5G, 1-6H6G, 2-6K7G, 1-6U5/6G5, 2-41, 1-80	..	465
153	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6	..	465
157PC	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	465
163	5	1-6A8, 1-6K7, 1-6Q7, 1-25A6, 1-25Z6, 1-L49C Resistor	..	465
169	6	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30, 1-Ballast	..	465
175	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	465
179	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-BK42C Resistor	..	465
401	3	1-6C6, 1-42, 1-80	..	Phono.
6110	6	1-0Z4, 1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75	..	465
"TRUETONE"				
(See WESTERN AUTO SUPPLY COMPANY—Page 255)				
TRUMAN RADIO SHOP				
"TRUMAN"				
E6, E6RC	6	1-36, 1-37, 2-39/44, 1-84/6Z4, 1-89	..	175
E7RC	7	1-6A7, 2-6D6, 1-37, 1-84/6Z4, 1-85, 1-89	..	175
TE7	7	1-6A7, 1-6B7, 1-47, 1-77, 2-78, 1-84/6Z4	..	175
ULTRAMAR MANUFACTURING CORP.				
"ULTRAMAR"				
A889	9	1-5Y3G, 3-6K7, 1-6K8, 1-6R7, 1-6U5/6G5, 2-6V6	..	456
T85, 90	4	1-6F5G, 1-6K7G, 1-25L6G, 1-25Z6G	..	456
120	13	2-5Y3G, 2-6C5, 1-6E5, 3-6F6, 1-6H6, 3-6K7, 1-6L7	..	465
159	9	2-6C5G, 1-6E5, 1-6F5G, 1-6H6G, 2-6K7G, 1-6L7G, 1-6V6G	..	465
306, 316	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z5, 1-Ballast	..	465
306, 316	7	1-6A8G, 1-6C5G, 1-6E5, 1-6K7G, 1-6Q7G, 1-6V6G, 1-80	..	465
307	8	1-5Y3G, 1-6C5G, 1-6E5, 3-6K7G, 1-6Q7G, 1-6V6G	..	465
309	9	1-6A8G, 2-6K7G, 1-6R7G, 1-6U5/6G5, 1-25B6G, 2-25Z5, 1-Ballast	..	465
317	8	1-5Y3G, 1-6C5G, 1-6E5, 3-6K7G, 1-6Q7G, 1-6V6G	..	465
319	9	1-6A8G, 2-6K7G, 1-6R7G, 1-6U5/6G5, 1-25B6G, 2-25Z5, 1-Ballast	..	465
325	5	1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-80	..	465
327	8	3-1A4T, 1-1B5/25S, 1-1C6, 1-6AB5/6N5, 1-19, 1-30	..	465
335	5	1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-80	..	465
337	8	3-1A4T, 1-1B5/25S, 1-1C6, 1-6AB5/6N5, 1-19, 1-30	..	465
345, 355	5	1-6D8G, 1-6L5G, 1-6S7G, 1-6T7G, 1-19	..	465
366, 376	7	1-6A8G, 1-6C5G, 1-6E5, 1-6F6G, 1-6K7G, 1-6Q7G, 1-80	..	456
455	5	1-6D8G, 1-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
466	6	1-5Y3G, 1-6AC5G, 1-6G5G, 1-6K7, 1-6K8, 1-6Q7	..	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ULTRAMAR MANUFACTURING CORP.—Continued				
465, 475	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G	..	456
477	6	1-6F5G, 1-6H6G, 1-6K7, 1-6K8, 1-25L6G, 1-25Z6G, 1-K42B Resistor	..	456
485	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G	..	456
487, 487E	7	1-5Y3G, 1-6F6G, 2-6K7, 1-6K8, 1-6Q7, 1-6U5/6G5	..	456
510, 520	6	1-6A7, 1-6E5, 1-6K7G, 1-42, 1-75, 1-80	..	465
525, 526	5	1-6A7, 1-6K7G, 1-41, 1-75, 1-80	..	456
601, 602	5	1-6A7, 1-6B7, 1-6D6, 1-25Z5, 1-43, 1-165R8 Resistor	..	456
612	6	1-0Z4, 1-6A7, 1-6B5, 2-6D6, 1-75	..	456
655	5	1-1A5G, 1-1A7G, 1-1H5G, 2-1N5G	..	456
701, 702	8	1-5Y3G, 1-6C5, 1-6F6G, 1-6E5, 3-6K7, 1-6Q7G	..	465
711	7	2-1A4T, 1-1B5/25S, 1-1C6, 1-19, 2-30	..	465
801, 802	9	1-5Y3G, 1-6C5, 1-6E5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6L7	..	465
826, 846	6	1-6D6, 1-6J8G, 1-6U5/6G5, 1-75, 1-80	..	465
856, 866	6	1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G, 1-6ZY5G	..	465
857, 867	6	1-6D6, 1-6J8G, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-75, 1-K42C Resistor	..	465
877	7	1-6K8, 1-6L5G, 2-6S7G, 1-6T7G, 1-6ZY5G, 1-6Z7G	..	456
910	8	1-6A8G, 1-6E5, 2-6K7, 1-6Q7G, 1-25B6G, 2-25Z5, 1-115UMC Resistor	..	456
UNITED AIR CLEANER CORPORATION				
"SENTINEL"				
(Also see SENTINEL RADIO CORPORATION—Page 221, and ELECTRICAL RESEARCH LABORATORIES, INC.—Page 85)				
8, 9	8	4-24A, 1-27, 2-45, 1-80	..	TRF
104A	7	3-24A, 1-27, 2-45, 1-80	..	TRF
106	8	3-24A, 2-27, 2-45, 1-80	..	175
108	7	4-24A, 1-27, 1-45, 1-80	..	175
108A	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
108B, 110	7	2-24A, 1-27, 2-35/51, 1-45, 1-80	..	175
109	8	2-24A, 1-27, 2-35/51, 2-47, 1-80	..	175
111	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
114	9	2-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
115	5	1-24A, 2-35/51, 1-47, 1-80	..	175
116	5	2-24A, 1-35/51, 1-47, 1-80	..	175
118	10	2-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
120	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	..	175
125	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	525
440, 444	7	3-24A, 2-27, 1-45, 1-80	..	TRF
666, 666C	9	4-24A, 2-27, 2-45, 1-80	..	TRF
UNITED AMERICAN BOSCH CORPORATION				
"AMERICAN BOSCH"				
04	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-85R8 Resistor	..	TRF
05	6	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-85	..	465
4 Essex	4	2-24A, 1-47, 1-80	..	TRF
5	5	3-24A, 1-47, 1-80	..	TRF
5A, 5C, 200, 200-A, 201, 206, 210, 211	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
7DC, 7-CDC	5	3-26, 1-33, 1-37	..	TRF
10 Essex	10	4-27, 1-35/51, 2-45, 2-58, 1-80	..	175
16	6	1-00A or 01A, 4-01A, 1-71A or 12A	..	TRF
20, 20J	8	2-27, 3-35/51, 2-47, 1-80	..	175
27	7	6-01A, 1-71A or 1-12A	..	TRF
28, 38 AC	8	4-26, 1-27, 2-71A, 1-80	..	TRF

Continued on next page

UNITED AMERICAN BOSCH CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
29 AC, 825 Power Pack, 29-B	8	1-10, 4-26, 1-27, 2-81	..	TRF
31, 32	6	2-27, 2-35/51, 1-47, 1-80	..	175
35	5	1-00A or 01A, 3-01A, 1-71A or 12A	..	TRF
36, 37	6	1-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
40, 41	8	3-27, 3-35/51, 1-47, 1-80	..	175
45-A, 45-C Auto	5	1-41, 1-75, 2-77, 1-78	..	175
46	6	1-00A or 01A, 4-01A, 1-71A or 12A	..	TRF
46AC, 66AC, 96, 116, 126, 136, 146, 166, 176	6	4-26, 1-27, 1-71A	..	TRF
48, 49, 73, 73-A, 74	7	3-24A, 1-27, 2-45, 1-80	..	TRF
54	7	3-24A, 2-27, 2-71A	..	TRF
56	7	2-01A, 2-12A, 3-22	..	TRF
57	7	1-00A or 01A, 5-01A, 1-71A	..	TRF
58, 58A, 58AC, 58B, 59	8	4-24A, 1-27, 2-45, 1-80	..	TRF
60, 60D, 60E, 61	9	5-24A, 1-27, 2-45, 1-80	..	TRF
62 DC	7	4-24A, 1-27, 2-45	..	TRF
63 DC	8	5-24A, 1-27, 2-45	..	TRF
66, 76, 76L	6	1-00A or 01A, 4-01A, 1-12A or 71A	..	TRF
79 C Auto	6	1-42, 1-75, 2-77, 1-78, 1-84/6Z4	..	175
80, 84 Auto	5	1-12A, 4-24A	..	TRF
87	7	1-00A or 01A, 5-01A, 1-71A	..	TRF
91, 92	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
96	6	5-26, 1-71A	..	TRF
100	7	3-36, 1-37, 3-38	..	175
107	7	5-26, 1-27, 1-71A	..	TRF
108 Police A, 118 Police	7	3-36, 2-37, 1-38, 1-39/44	..	175
113 114, 115, 123, Police	7	3-39/44, 2-52, 1-85, 1-89	..	TRF
113-X, 114-X, 123-X Police	7	3-39/44, 2-52, 1-75, 1-89	..	TRF
117, 127 Police	6	1-2A6, 1-47, 1-56, 2-58, 1-80	..	456
119, 129 Motorcycle	5	1-6A7, 1-41, 1-75, 2-78	..	456
133	7	3-24A, 1-27, 2-45, 1-80	..	TRF
139, 149 Types H, L, V, HC, LC, VC, HT, LT, VT, HTC, LTC, VTC	5	1-6A7, 1-41, 1-75, 1-77, 1-78	..	456
140-A Auto	5	1-6A7, 1-41, 1-75, 2-78	..	456
150, 150 Edition 1 Auto	6	2-36, 1-39/44, 2-41, 1-85	..	175
150 Edition 2, 160 Auto	6	2-41, 2-77, 1-78, 1-85	..	175
224-DC	8	1-37, 4-39/44, 2-52, 1-71A	..	175
226, 226-F	8	2-30, 3-32, 1-34, 2-49	..	175
236, 236-A, 237	6	1-27, 2-35/51, 1-47, 1-57, 1-80	..	175
242, 242E, 243	8	1-47, 3-56, 3-58, 1-80	..	175
250, 250-M, 251	10	2-45, 3-56, 4-58, 1-80	..	175
260-C, 261	10	2-45, 3-56, 4-58, 1-80	..	517.5
305-A 1st	5	1-47, 2-57, 1-58, 1-80	..	456
305-A 2nd	5	1-2A5, 1-47, 1-57, 1-58, 1-80	..	456
307	7	1-2A6, 1-55, 1-57, 3-58, 1-80	..	175
310, 310-A	10	3-27, 2-45, 1-56, 3-58, 1-80	..	175
312, 313	12	3-46, 2-56, 1-57, 5-58, 1-82	..	175
312C	12	3-46, 2-56, 6-58, 1-82	..	175
325	5	1-47, 2-57, 1-58, 1-80	..	...
350	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	175
352	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	175
355	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	175
357	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78	..	175
360, 460, 460 Ed. 2, 461, 464	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	456
370	7	1-2A7, 1-2B7, 2-53, 2-58, 1-83V	..	265

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
UNITED AMERICAN BOSCH CORPORATION—Continued				
376, 376BT, 376F, 376S	5	1-1A6, 1-32, 1-33, 2-34, 1-107042 Resistor	..	456
385	5	1-1A6, 1-32, 1-33, 2-34	..	463
386	6	1-1C6, 1-30, 1-32, 1-33, 2-34	..	463
402-1, 2, 3, 501, AC-DC, 502	5	1-6F7, 1-25Z5, 1-43, 1-75, 1-78	..	456
420, 421	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	456
430, 430J, 430T, 431, 431J, 431T, 434, 434J, 434T	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	450
440, 440C, 440T, 441, 441C, 441T, 444, 444C, 444T	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
450L, 450H, 451L, 451H, 454L, 454H	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	450
470, 471G, U, 474G, U	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	456
480, 480 Ed. 1 and 2, 481, 484	10	2-6A6, 1-6B7, 1-42, 1-76, 1-77, 3-78, 1-83V	..	456
500	5	1-25Z5, 1-43, 1-75, 2-78	..	456
503	5	1-6F7, 1-12Z3, 1-43, 1-75, 1-78	..	456
505, 510, 510E	5	1-6A7, 1-6F7, 1-42, 1-75, 1-80	..	456
515	5	1-6A7, 1-6F7, 1-42, 1-75, 1-80	..	465
524A-1, 2, 2D, 2C	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
536	5	1-6A7, 1-42, 1-75, 1-78, 1-84/6Z4	..	456
585, 585Y, 585Z	8	1-6A8, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
595M, 595P	10	1-5Z3, 1-6A8, 1-6C5, 1-6F5, 3-6H6, 3-6K7	..	465
600	4	1-6A7, 1-6D6, 1-41, 1-75	..	465
601	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	465
602, 602T	6	2-1A4T, 1-1B5/25S, 1-1C6, 1-1J6G, 1-30	..	465
604	4	1-6A7, 1-6C6, 1-25Z5, 1-43, 1-K55C Resistor	..	465
604B	4	1-6A7, 1-6F7, 1-25B6G, 1-25Z5, 1-K55C Resistor	..	465
605, 605C	5	1-6A8, 1-6F6, 1-6K7, 1-75, 1-80	..	465
610	5	1-6A8, 1-6K7, 1-25A6, 1-25Z6, 1-75, 1-K49C Resistor	..	465
620	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 1-25Z6, 1-K42C Resistor	..	465
625	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 1-25Z5, 1-K42E Resistor	..	465
634A Series 1 and 2, 636, 637, 638	6	1-42, 1-75, 2-77, 1-78, 1-84/6Z4	..	175
640, 650	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
660C, 660T	7	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7	..	465
670C, 670S	9	1-5Y3G, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7	..	465
680	13	1-5Y3G, 1-5Z3, 1-6A8, 1-6C5, 1-6F5, 2-6H6, 4-6K7, 2-6L6	..	465
736, 737, 738, 836	7	1-0Z4, 1-6A6, 1-6A8, 1-6F5, 1-6F6, 2-6K7	..	175
838	8	1-0Z4, 1-6A8, 1-6F5, 2-6F6, 1-6H6, 2-6K7	..	175
UNITED ENGINE COMPANY				
"UNITED"				
4 Tube	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
8-211	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	Super
UNITED MOTORS SERVICE				
"DELCO"				
Delco 626	5	1-6A7, 1-6B7, 2-6D6, 1-42	..	262
Delco 627	5	1-6A7, 1-6B7, 1-6D6, 2-6E6	..	262
Delco 628	6	1-6A6, 1-6A7, 3-6D6, 1-85	..	262
Delco 629 Above Serial No. 40100	4	1-6A7, 1-6B7, 1-6F7, 1-42	..	450

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
UNITED MOTORS SERVICE—Continued				
Delco 629 Below Serial No. 40100	4	1-6B7, 1-6D6, 1-6F7, 1-42	..	262
Delco 630	5	1-6A7, 1-6B7, 1-6D6, 1-42, 1-84/6Z4	..	262
Delco 631	5	1-6A7, 1-6B5, 1-6B7, 1-6D6, 1-84/6Z4	..	262
Delco 631A	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	..	262
Delco 632, 633	6	1-6A7, 1-6B5, 1-6B7, 2-6D6, 1-84/6Z4	..	262
Delco 634	6	1-6A7, 2-6D6, 2-41, 1-85	..	262
Delco 635	6	1-6A7, 2-6D6, 2-6F6, 1-85	..	262
Delco 1101	5	1-6B7, 1-6F7, 1-25Z5, 1-43, 1-78	..	181.5
Delco 1102	6	1-6A7, 1-6B7, 1-6D6, 1-42, 1-76, 1-80	..	456
Delco 1104	7	1-6A7, 1-6B7, 2-6D6, 1-6F7, 1-42, 1-80	..	456
Delco 2035	6	2-36, 1-39/44, 1-85, 2-89	..	262
Delco 3001	5	2-12A, 2-24A, 1-27	..	TRF
Delco 3002	5	1-12A, 3-24A, 1-27	..	TRF
Delco 3201, 3202 Above No. 800,000	6	1-6A7, 2-6D6, 2-48, 1-85	..	456
Delco 3201, 3202 Below No. 800,000	6	1-6A7, 2-6D6, 2-48, 1-85	..	262
Delco 3203, 3204	6	1-6A7, 1-6B7, 1-6D6, 1-6F7, 2-43	..	456
Delco 4036	7	2-36, 1-39/44, 1-84/6Z4, 1-85, 2-89	..	262
Delco 4037	5	1-6F7, 1-41, 1-75, 2-78	..	262
Delco 4038	6	1-6F7, 2-41, 2-78, 1-85	..	262
Delco 4048	5	1-6F7, 1-25Z5, 1-43, 1-75, 1-78	..	455
Delco 4049, 4050	6	1-6B7, 1-37, 1-43, 1-75, 2-78	..	185.5
Delco 4054	5	1-6A7, 1-6D6, 2-48, 1-85	..	...
R640	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
R641	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	262
R642	6	1-6F6, 1-6J7, 2-6K7, 1-6Q7, 1-6X5	..	262
R643	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	..	262
R644	8	1-0Z4, 1-6A8G, 2-6K7G, 2-6R7G, 2-6V6G	..	262
R663	6	1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
R664	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	..	262
R665, R666, R667	6	1-0Z4G, 1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G	..	262
R668, R669	7	1-0Z4G, 1-6A8G, 1-6J5G, 2-6K7G, 1-6N7G, 1-6R7G	..	262
R673	7	1-0Z4G, 1-6J5G, 2-6J8G, 2-6K7G, 1-6N7G	..	262.5
R675	5	1-0Z4G, 1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
R676	6	1-6A8G, 1-6K6G, 2-6K7, 1-6Q7G, 1-6X5G	..	262
R677, R678	6	1-0Z4G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6G	44	455
R685	5	1-0Z4G, 1-6K6GT, 1-6SA7, 1-6SK7, 1-6SQ7	44	455
R686	6	1-6K6G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6X5G	..	262
R687, R688	6	1-0Z4, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
R695, R696	6	1-6K6GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6X5G	..	455
R697	6	1-0Z4, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	51	455
R1125	5	1-6A7, 1-41, 1-75, 1-78, 1-80	..	465
R1126	6	1-6A7, 1-6D6, 1-6U5/6G5, 1-41, 1-75, 1-80	..	465
R1127	6	1-5W4G, 1-6A8G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	..	465
R1128, R1129	7	1-5Y3G, 1-6C5G, 1-6F6G, 1-6K7G, 1-6L7G, 1-6Q7G, 1-6U5/6G5	..	465
R1130	8	1-5W4G, 1-6C5G, 1-6F5, 1-6H6, 1-6K7, 1-6L7G, 1-6U5/6G5, 1-6V6G	..	465
R1131	9	1-5Y3G, 1-6C5, 1-6F5, 1-6H6, 2-6K7, 1-6L6, 1-6L7, 1-6U5/6G5	..	465
R1132	11	1-5U4G, 1-6C5, 1-6H6, 1-6J7, 3-6K7, 1-6L7, 1-6U5/6G5, 2-6V6	..	465
R1134, R1135, R1139	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G	..	465
R1140	5	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
UNITED MOTORS SERVICE—Continued				
R1141	6	1-5Y3G, 1-6A8G, 1-6K6G, 1-6K7, 1-6K8G, 1-6Q7G	..	...
R1142, R1143	7	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	..	465
R1144	10	1-5Y3G, 2-6J5G, 2-6K6G, 2-6K7, 1-6K8, 1-6Q7G, 1-6U5/6G5	..	465
R1145	6	1-5Y3G 1-6AC5G 1-6K8G, 1-6P5G, 1-6Q7G, 1-6SK7	44	465
R1150, R1151, R1152, R1153	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
R1154, R1155, R1156	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	465
R1157	6	1-5Y3G, 1-6K6G, 1-12SA7, 2-12SK7, 1-12SQ7	44	465
R1160	9	1-5Y3G, 2-6F6G, 1-6K5, 1-6SF5, 2-6SK7, 2-76	44	465
R1170, R1171, R1172, R1173, R1174	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
R1175	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
R1176	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
R1177, R1178	6	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7.	51	455
R1179	9	1-5Y3G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7	51	455
R1180	12	1-5U4G, 1-6H6, 4-6K6GT, 1-6SA7, 2-6SF5, 2-6SK7, 1-6U5/6G5	51	455
R1185	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
R1186	6	1-5Y3G, 1-6K6GT, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	44, 51	455
R1400	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
R1401-2	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G	..	455
R1405	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-3Q5GT, 1-35Z5GT	..	455
R2055	5	1-1C6, 1-1E1, 1-1F6, 1-33, 1-34	..	465
R3210	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	465
R3212	9	1-6A7, 2-6D6, 4-48, 1-75, 1-76	..	465
R6015	6	1-6D8G, 2-6L5G, 2-6S7G, 1-19	..	465
UNITED REPRODUCERS CORPORATION				
"PEERLESS"				
20	10	3-24A, 3-27, 2-45, 1-80, 1-Ballast	..	TRF
65	8	3-24A, 2-27, 2-45, 1-80	..	TRF
70, 71, 72	9	4-24A, 1-27, 2-45, 1-80, 1-Ballast	..	TRF
U. S. RADIO AND TELEVISION CORPORATION				
"APEX"—"GLORITONE"				
5A, 25A	5	1-47, 2-57, 1-58, 1-80	..	455
7A, 7AX, 7B	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	262
7-D, 70	7	1-47, 2-56, 1-57. 2-58, 1-80	..	455
8	8	3-27, 3-35/51, 1-47, 1-80	..	262
8A	8	2-27, 3-35/51, 2-45, 1-80	..	262
8A, 8B	8	3-27, 3-35/51, 1-47, 1-80	..	262
9A, 9B, 19B	9	3-46, 1-56, 2-57, 2-58, 1-80	..	262
10 (1000)	10	3-27, 4-35/51, 2-47, 1-80	..	262
10B, 200	10	4-27, 3-35/51, 2-47, 1-80	..	262
10C	9	6-30, 2-33, 1-34	..	262
11, 11A, 14, 14A (Old)	7	2-24A, 2-27, 2-45, 1-80	..	TRF

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
U. S. RADIO AND TELEVISION CORP.—Continued				
11, 11A, 14, 14A, 20A, 31, 46, 47 (New)	8	3-24A, 2-27, 2-45, 1-80	..	TRF
12B, 120B	12	3-46, 3-56, 2-57, 3-58, 1-82	..	262
20	4	2-24A, 1-71A, 1-80	..	TRF
24	4	1-47, 2-57, 1-80	..	455
25, 25A, 500	5	1-47, 2-57, 1-58, 1-80	..	455
26, 26A	5	3-24A, 1-45, 1-80	..	TRF
27, 27P	5	2-24A, 1-27, 1-45, 1-80	..	TRF
28, 28A	8	3-24A, 2-27, 2-45, 1-80	..	TRF
30 Auto	5	1-01A, 2-24A, 1-26, 1-71A	..	TRF
31, 46, 47, 48, 48-A, 48W	8	3-24A, 2-27, 2-45, 1-80	..	TRF
32, 32A, 32B	7	3-24A, 1-27, 2-45, 1-80	..	TRF
33 DC	6	3-64, 3-71A	..	TRF
36, 50, 60	7	4-26, 1-27, 1-71A, 1-80	..	...
41, 42, 43, 44, 60, 60A	8	5-27, 2-45, 1-80	..	TRF
46-A, 47-A	7	2-24A, 2-27, 2-45, 1-80	..	TRF
48	8	3-24A, 2-27, 2-45, 1-80	..	TRF
49	5	1-01A, 2-24A, 1-26, 1-71A	..	TRF
50, 55, 60 Radiotrope, C, D	7	4-26, 1-27, 1-71A, 1-80	..	TRF
54, 55	5	1-01A, 2-24A, 1-26, 1-71A	..	TRF
69	9	6-30, 2-33, 1-34	..	262
70, 75, 80, 81-B, 81-C	9	5-26, 1-27, 2-71A, 1-80	..	TRF
99, 99A, 99B	5	2-24A, 1-35/51, 1-47, 1-80	..	262
112-A SW Conv.	3	1-24A, 1-27, 1-80	..	...
115, 115A, 140, 140A	8	5-27, 2-45, 1-80	..	TRF
160	9	6-27, 2-45, 1-80	..	TRF
482	8	3-24A, 2-27, 2-45, 1-80	..	TRF
3014	12	3-46, 3-56, 2-57, 3-58, 1-82	..	262
3040, 3056	5	1-47, 2-57, 1-58, 1-80	..	455
3070	10	2-46, 4-56, 3-58, 1-80	..	262
3072, 3074	7	1-47, 1-55, 1-56, 3-58, 1-80	..	...
3084, 3086	5	1-30, 2-32, 1-33, 1-34	..	...
UNIVERSAL AUTO RADIO CORPORATION				
"UNIVERSAL"				
DeLuxe	7	2-24A, 2-35/51, 1-37, 2-38	..	TRF
50 Standard	6	2-24A, 2-35/51, 1-37, 1-38	..	TRF
57	4	3-39/44, 1-41	..	Super
60	6	1-24A, 2-35/51, 1-37, 2-38	..	TRF
70	7	3-36, 2-37, 2-38	..	TRF
77	6	1-37, 2-39/44, 2-41	..	Super
...	7	2-6A4/LA, 1-37, 1-38, 3-39/44	..	Super
UNIVERSAL BATTERY COMPANY				
50A6	5	1-1C7G, 1-1D5G, 2-1H4G, 1-38	..	175
60	6	1-6A8, 1-6D6, 1-6K7, 1-41, 1-75, 1-84/6Z4	..	262
61A6, 63A6	6	1-1D5G, 1-1D7G, 2-1H4G, 1-1H6G, 1-1J6G	..	465
70	7	1-0Z4, 1-6A8, 1-6J5G, 1-6K7, 1-6K7G, 1-6N7G, 1-6Q7G	..	262
72A6, 74A6	7	1-1C7G, 2-1D5G, 2-1H4G, 1-1H6G, 1-1J6G	..	465
80	8	1-0Z4, 1-6A7G, 1-6A8, 1-6J5G, 2-6K7, 1-6K7G, 1-6N7G	..	262
802 Auto Radio	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	..	465
803	6	1-6A7, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	447.5
5010	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z6G	..	465
5032	5	1-6A8G, 1-6J7G, 1-6K7G, 1-6Q7G, 1-48	..	465
6110, 6310	6	1-5Y3G, 1-6C5G, 1-6F6G, 1-6J7G, 1-6K7G, 1-6Q7G	..	465

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
UNIVERSAL BATTERY COMPANY—Continued				
6132, 6332	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 2-48	..	465
8210, 8410	8	1-5Y3G, 2-6C5G, 1-6J7G, 1-6K7G, 1-6N6G, 1-6Q7G, 1-6U5/6G5	..	465
8232, 8432	8	1-6C5G, 1-6H6G, 2-6J7G, 2-6K7G, 1-6N6G, 1-6U5/6G5	..	465
UNIVERSAL RADIO AND TELEVISION CORPORATION				
42	5	1-24A, 2-35/51, 1-47, 1-80	..	TRF
83	7	2-27, 3-35/51, 1-47, 1-80	..	TRF
93	8	2-27, 4-35/51, 1-47, 1-80	..	TRF
VAN SICKLEN CORPORATION				
"VAN SICKLEN"				
Motoradio	5	1-24A, 1-27, 1-35/51, 2-71A	..	TRF
VOCO RADIO MANUFACTURING COMPANY, Inc.				
V-41-N	4	1-24A, 1-35/51, 1-47, 1-80	..	TRF
V-60	6	1-47, 1-55, 1-57, 2-58, 1-80	..	175
V-80	8	1-47, 2-56, 3-58, 1-80, 1-Wunde	..	175
V-100	10	2-47, 2-56, 4-58, 1-80, 1-Wunde	..	175
WALTHAM				
Waltham '32	6	4-24A, 1-45, 1-80	..	TRF
WARE MANUFACTURING COMPANY				
B-1, B-2	6	3-24A, 1-27, 1-45, 1-80	..	TRF
S-1	9	4-24A, 2-27, 2-45, 1-80	..	175
SB-A, SBB, SB-F, SB-7	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
SB-8	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
SB-45	7	3-24A, 2-27, 1-45, 1-80	..	175
X	5	1-25Z5, 1-36, 1-39/44, 1-43, 1-85	..	...
8 Tube	8	3-24A, 1-27, 2-35/51, 1-47, 1-80	..	Super
WARNER HANSON COMPANY				
"WARNER HANSON"				
W22	4	1-6A7, 1-687, 1-41, 1-78	..	Super
WARWICK MANUFACTURING CORPORATION				
"TROUBADOR", "WARWICK"				
0-301	3	1-12SA7GT, 1-25D8GT, 1-70A7GT	47	455
0-401, 407, 411, 431, 439, 441, 442, 443, 446, 461	4	1-1A7GT, 1-1C5GT, 1-1H5GT, 1-1N5GT	..	455
0-501	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z4GT	..	455
0-530, 531, 532, 533	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	47	455
0-540, 541, 542, 543	5	1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	51	455
0-558	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z5GT	47	455
0-601	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT. 1-25Z6GT, 1-BM49C Resistor	51	455
0-611, 621	5	1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM49B Resistor	51	455
0-631, 641, 651	6	1-5W4GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	51	455
0-711, 718, 721, 731	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
0-741, 751	6	1-5W4GT, 1-6K6GT, 1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT	51	455

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WARWICK MANUFACTURING CORPORATION—Continued				
0-761	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	455
0-811	6	1-12E5GT, 1-12SA7GT, 1-12SK7GT, 1-12SQ7GT, 1-40Z5/45Z5GT, 1-50L6GT	51	455
1-401, 403, 411, 412	4	1-12SA7, 1-12SQ7, 1-35Z5GT, 1-60L6GT	47	455
1-421, 422	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
1-501	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	455
10-701, 709	6	1-6P5GT, 1-6SA7GT, 1-6SK7GT, 1-6SQ7GT, 1-25L6GT, 1-25Z6GT, 1-BM42B Resistor	51	262
400	4	1-1B5/25S, 1-6A7, 1-34, 1-41	..	456
460	4	1-6A7, 1-6C6, 1-42, 1-80	..	456
510	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
511	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
519	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L55B Resistor	..	TRF
525	5	1-1B5/25S, 1-1C6, 1-1E1, 1-33, 1-34	..	456
560	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	..	456
600	6	1-1C6, 1-19, 2-30, 2-34	..	456
607	6	2-6D6, 1-42, 1-75, 1-76, 1-80	..	456
618	6	1-6A7, 2-6D6, 1-41, 1-75, 1-85	..	175
660	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	..	262.5
700	7	1-1A4T, 1-1C6, 1-19, 2-30, 2-34	..	456
725	6	1-1B5/25S, 1-1C6, 1-19, 1-30, 2-34	..	456
WATTERSON RADIO MANUFACTURING COMPANY				
"WATTERSON"				
47T	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
56	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	465
57, 57C	5	1-1V, 1-6A7, 1-6D6, 1-41, 1-75	..	456
60B	6	1-30, 2-32, 1-33, 1-34, 1-Ballast	..	456
66, 336	6	1-1B5/25S, 1-1C6, 1-30, 1-33, 1-34, 1-1K1	..	456
67, 67C	4	1-6A8G, 1-6S7G, 1-6T7G, 1-41	..	456
68, 68C	6	1-6A7, 1-6D6, 2-42, 1-75, 1-80	..	456
336, 336C	6	1-1B5/25S, 1-1C6, 1-30, 1-33, 1-34, 1-1K1	..	456
500	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
WELLS-GARDNER & COMPANY				
"WELLS-GARDNER"				
A3	13	2-5Y3G, 3-6C5G, 1-6H6, 1-6J7, 3-6K7, or 6U7G, 2-6L6 or 6L6G, 1-6U5/6G5	51	456
A4	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	51	456
A5, A7	9	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 2-6K7, 1-6U5/6G5	51	456
A8	6	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	51	456
A11	4	2-6J7, 1-25L6G, 1-25Z6G, 1-L55B Resistor	44	456
A12	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5G, 2-6J7G, 1-6U5/6G5, 2-6U7G	51	456
A13	7	1-5Y3G, 1-6A8G, 1-6J5G, 1-6K6G, 1-6Q7G, 1-6U5/6G5, 1-6U7G	51	456
A14, 15	9	1-5Y3G, 1-6F5G, 1-6H6, 1-6J5G, 1-6J7G, 1-6K6G, 1-6U5/6G5, 2-6U7G	51	456
A20, 22	9	1-6A7, 1-6D6, 1-6U5/6G5, 2-41, 1-75, 2-76, 1-80	51	456
AC7WEL	8	5-26, 1-27, 1-71A, 1-80	..	TRF
AC8WELD	9	5-26, 1-27, 2-71A, 1-80	..	TRF
B1	4	1-1D5G, 1-1D7G, 1-1F5G, 1-1H6G	..	456
B3, 4	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	456
C, CG	9	1-24A, 5-26, 2-45, 1-80	..	TRF
C6	5	1-6A8G, 1-6F5G, 1-6H6, 1-6K6G, 1-6U7G	51	456
C7	6	1-6B8G, 1-6J7G, 1-6K6G, 1-6N7G, 2-6U7G	51	175
C11	6	1-6B8G, 1-6J7G, 1-6K6G, 1-6N7G, 2-6U7G	51	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WELLS-GARDNER & COMPANY—Continued				
S1	7	1-6AB5/6N5, 1-6K6G, 2-6L5G, 3-6S7G	51	456
S2	6	1-6AB5/6N5, 1-6D8G, 1-6G6G, 2-6S7G, 1-6T7G	51	456
T2	7	1-6A8G, 1-6J5G, 1-6N7G, 2-6U7G, 1-6V7G, 1-25A6G	51	456
V6Z2, Z6Z1, 6U	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5
00A	10	6-30, 3-34, 1-10AB	..	175
00B	10	2-45, 3-56, 4-58, 1-80	..	175
002	10	2-24A, 2-27, 3-35/51, 2-47, 1-80	..	...
0C	10	4-6D6, 2-45, 3-76, 1-80	..	456
0DM	10	4-6K7, 2-45, 3-76, 1-80	..	456
0EL	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	51	456
0F	10	6-30, 1-32, 3-34	..	456
0GL	11	1-5Z4, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	51	456
02A, 02AA	12	3-45, 1-55, 3-56, 4-58, 1-82	..	175
05A, 05B	5	1-25Z5, 1-43, 2-77, 1-78	..	262
05AA, 05BA	5	1-6C6, 2-6D6, 1-25Z5, 1-43	..	262
05C	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	262
06A, 5E	5	1-19, 1-30, 1-32, 2-34	..	175
06W, 06X	6	2-41, 1-77, 2-78, 1-85	..	262
06Z	6	1-41, 1-77, 2-78, 1-84/6Z4	..	262.5
07A	7	1-6C6, 2-6D6, 2-37, 1-42, 1-80	..	175
07B	7	1-6C6, 3-6D6, 1-37, 2-41	..	175
022	12	2-46, 3-56, 2-57, 4-58, 1-82	..	175
052	5	1-35/51, 1-47, 2-57, 1-80	..	262
062	6	1-36, 1-37, 1-38, 3-39/44	..	262.5
062A	6	1-36, 1-37, 3-39/44, 1-41	..	262
072	7	1-36, 1-37, 2-38, 3-39/44	..	262
072A	7	1-36, 1-37, 3-39/44, 2-41	..	262
073	7	2-36, 3-39/44, 2-41	..	175
092	9	6-30, 3-34	..	175
1A17	11	1-6C6, 2-6D6, 1-6U5/6G5, 2-41, 4-76, 1-80	51	456
1A29	11	1-5Y3G, 1-6C8G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G	51	456
2B	12	4-6D6, 3-42, 3-76, 2-80	..	456
2CM	12	3-6F6, 4-6K7, 3-76, 2-80	..	456
2DL	12	2-5Z4, 2-6C5, 1-6H6, 4-6K7, 2-6L6, 1-6U5/6G5	51	456
4B5	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1P5G	..	456
5A25S	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	456
5C10	5	1-6SA7, 2-6SK7, 1-6SQ7, 1-41	51	456
5D	5	1-6C6, 2-6D6, 1-42, 1-80	..	456
5D2	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT or 35Z5GT	..	456
5F	5	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
5FL	6	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	51	456
5G	5	1-19, 1-30, 1-32, 2-34	..	175
5H	5	1-1B5/25S, 1-1C6, 1-1F4, 2-34	50	456
5KF	6	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	51	456
5X	5	1-6B5, 1-6B7, 1-6J7, 2-6K7	..	175
5Y	5	1-6C6 2-6D6, 1-41, 1-75	..	175
6A26, 26S, 6A27	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	456
6A43	6	1-5Y3G, 1-6K6GT, 1-6SA7 2-6SK7, 1-6SQ7	44	456
6B	6	1-6B7, 1-6D6, 1-6F7, 1-12A5, 2 12Z3	..	175
6B7, 6B10	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	51	456
6C	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-80	..	456
6C1	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
6CH5	6	1-6B8G, 1-6J7, 1-6K6G, 2-6K7, 1-6N7G	51	175
6C9	6	1-6H6, 1-6SA7, 3-6SK7, 1-6V6G	51	456
6C13	6	1-6B8G, 1-6K6G, 1-6N7G, 1-6SA7, 2-6SK7	51	456

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WELLS-GARDNER & COMPANY—Continued				
6D	6	1-6A6, 1-6A7, 2-6D6, 1-43, 1-85	..	175
6D1	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	456
6EL	7	1-5W4, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
6F	16	4-2A3, 2-5Z3, 1-6B7, 1-6F7, 4-6K7, 1-45, 3-76	..	456
6G	6	1-1B5/25S, 1-1C6, 3-30, 1-34	..	456
6J, 6K, 6KB	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	51	175
6L, 6N, 6R	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
6S	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	175
6T	6	1-6B7, 1-6C6, 2-6D6, 2-42	..	262.5
6V	6	1-6B7, 2-41, 1-77, 2-78	..	262.5
7A40, 41	7	1-5Y3G, 2-6K6G, 1-6SA7, 1-6SK7, 2-6SQ7	51	456
7C	7	1-19, 3-30, 3-34	..	175
7C15	7	1-6K6G, 1-6N7G, 1-6SA7, 3-6SK7, 1-6SQ7	44, 51	456
7D	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
7E	7	1-1C6, 1-19, 2-30, 3-34	..	456
7FL	8	1-5Z4, 1-6C5, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	51	456
7GM	7	1-6B7, 1-6F6, 3-6K7, 1-76, 1-80	..	456
7H	7	1-6C6, 1-19, 2-30, 3-34	..	456
7J	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
7LL	8	1-5Z4, 1-6C5, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	51	456
7P	7	1-6A6, 1-6A8, 3-6K7, 1-43, 1-85	51	456
7Q	7	1-1C6, 1-19, 2-30, 3-34	51	456
7QL	8	1-1C6, 1-6AB5/6N5, 1-19, 2-30, 3-34	51	456
7RL	8	1-6B7, 1-6F6, 3-6K7, 1-6U5/6G5, 1-76, 1-80	51	456
8A30, 8A31	8	1-5Y3G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5, 1-6V6G	51	456
9B, 9C	9	1-19, 4-30, 4-34	..	456
10, 13	7	2-24A, 1-27, 2-35/51, 1-47, 1-80	..	175
17X	7	1-47, 1-55, 1-56, 3-58, 1-80	..	125
20	10	3-27, 4-35/51, 2-47, 1-80	..	175
35KL620, 678	6	1-5W4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
37A4-622	7	1-5Y3G, 1-6C5, 1-6F6, 1-6J7, 1-6K7, 1-6Q7, 1-6U5/6G5	51	456
38A1-622, 704, 752	8	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	51	456
40, 40A	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
46C1-41	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	..	...
46J3	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	..	...
50	7	3-24A, 2-35/51, 1-47, 1-80	..	175
60, 63	6	4-24A, 1-45, 1-80	..	TRF
70	7	3-24A, 1-27, 2-45, 1-80	..	TRF
80, 80A	8	3-24A, 2-27, 2-45, 1-80	..	TRF
92, 93	5	4-32, 1-33	..	175
101A2-754	11	1-5Y3G, 2-6C5, 2-6F6, 1-6H6, 2-6J7, 2-6K7, 1-6U5/6G5	51	456
103A3-756	13	2-5Y3G, 3-6C5, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6U5/6G5	51	456
108A1-704, 752	8	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	51	456
502	10	2-47, 2-56, 2-57, 3-58, 1-80	..	175
572	7	1-47, 3-57, 2-58, 1-80	..	175
WESTERN AUTO SUPPLY COMPANY				
"TRUETONE"				
D	5	1-6A8, 1-6K7, 1-41, 1-75, 1-84/6Z4	..	465
D689	9	1-5Y3G, 1-6F5G, 1-6H6, 1-6J5G, 1-6J7G, 1-6K6G, 1-6U5/6G5, 2-6U7G	..	456
D690	14	1-6A7, 4-6D6, 1-6H6G, 1-6U5/6G5, 4-42, 2-76, 1-80	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WESTERN AUTO SUPPLY COMPANY—Continued				
D692 #155	11	1-6A7, 1-6C5, 1-6H6, 2-6K7, 1-6U5/6G5, 2-42, 2-76, 1-80	..	...
D692 #164	10	1-6A7, 3-6D6, 1-6U5/6G5, 2-42, 1-75, 1-76, 1-80	..	456
D694	15	1-5Z3, 1-6A7, 1-6H6G, 3-6K7G, 1-6U5/6G5, 4-42, 4-76	..	456
D697	11	1-5Y3G, 2-6C5, 2-6F6, 1-6H6, 2-6J7, 2-6K7, 1-6U5/6G5	..	456
D698	8	1-5Y3G, 1-6C5, 1-6F5, 1-6F6, 1-6H6, 1-6J7, 1-6K7, 1-6U5/6G5	..	456
D699, 724	7	1-6A7, 1-6D6, 1-6U5/6G5, 2-42, 1-75, 1-80	..	456
D699	8	1-5Y3G, 1-6A8, 1-6C5, 2-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	456
D702	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
D703	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75, 1-L49BJ Resistor	..	456
D704	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-K49BG Resistor	..	470
D705 WG	11	1-5Y3G, 2-6F6G, 1-6H6, 2-6J5, 2-6J7G, 1-6U5/6G5, 2-6U7G	..	456
D706	7	1-6AB5/6N5, 1-6D8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-19	..	465
D707	4	1-6C6, 1-6D6, 1-25B6G, 1-25Z5, 1-BK55B Resistor	..	...
D708, 718	6	1-6D8G, 1-6S7G, 1-6T7G, 1-19, 2-30	..	456
D709	6	1-6A8G, 1-6G6G, 1-6J5G, 1-6Q7G, 1-6U7G, 1-6ZY5G	..	456
D710, 711	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
D711, 930	8	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 2-41, 1-76, 1-80	..	456
D712M	10	4-6K7, 2-45, 3-76, 1-80	..	456
D712, D.R.C.	8	1-6A7, 1-6D6, 1-6Q7G, 1-6U5/6G5, 2-42, 1-76, 1-80	..	456
D713	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	..	456
D714	6	1-5Y3G, 1-6AC5G, 1-6A8G, 1-6K7, 1-6K8G, 1-6Q7G	44	465
D714M	7	1-6B7, 1-6F6, 3-6K7, 1-76, 1-80	..	456
D715, C.R.T.	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
D716	7	1-6AB5/6N5, 1-6D8G, 1-6G6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	..	456
D716	12	3-6F6, 4-6K7, 3-76, 2-80	..	456
D717	5	1-6A7, 1-6K7, 1-41, 1-75, 1-80	44	465
D719	4	1-1G5G, 1-6D8G, 1-6S7G, 1-6T7G	..	456
D720	6	1-6A7, 1-6D6, 1-42, 1-75, 1-78, 1-80	..	456
D721	8	1-5Z4G, 1-6C5, 1-6F6, 3-6K7, 1-6Q7, 1-6U5/6G5	..	456
D721	6	1-6AC5G, 1-6A7, 1-6D6, 1-41, 1-76, 1-80	..	456
D722	11	1-5Z4G, 3-6C5, 2-6F6, 4-6K7, 1-6U5/6G5	..	456
D723	7	1-6A7, 1-6D6, 2-42, 1-75, 1-76, 1-80	40	456
D725	6	1-6A7, 1-6D6, 1-42, 1-75, 1-76, 1-80	..	456
D726, 728	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
D730	4	1-6C6, 1-6D6, 1-25L6G, 1-25Z5, 1-L55BG Resistor	..	...
D731	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6, 1-L49B Resistor	44	470
D731-5	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6, 1-L49B Resistor	44	470
D732	7	1-5Y3G, 1-6C5, 1-6F6, 1-6K7, 1-6L7, 1-6Q7, 1-6U5/6G5	..	465
D732	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
D734	5	1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6X5	..	465
D735	5	1-6C6, 2-6D6, 1-41, 1-75	..	175
D736	5	1-6A7, 1-6D6, 1-42, 1-75, 1-84/6Z4	51	175
D737, 737C	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
D739	6	1-6A7, 1-6B7, 2-6D6, 1-42, 1-84/6Z4	51	175
D740	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5

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WESTERN AUTO SUPPLY COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
D741	8	1-6A6, 1-6A7, 2-6D6, 2-76, 1-84/6Z4, 1-85	51	175
D742	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	50	175
D743	6	1-6A8, 2-6K7, 1-6Q7, 1-6X5, 1-41	..	465
D743	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	51	177.5
D743W	6	1-6C6, 2-6D6, 1-41, 1-75, 1-84/6Z4	51	175
D744	6	1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-6X5	51	172.5
D745	6	1-6A6, 1-6B7, 1-6J7, 2-6K7, 1-41	..	175
D746	5	1-6A8, 1-6K6, 1-6K7, 1-6Q7, 1-6X5	51	465
D746	5	1-6K6, 1-6Q7, 1-6SA7, 1-6SK7, 1-6X5	51	465
D746	5	1-6K6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6X5G	51	465
D747	6	1-0Z4 or 6X5, 1-6A8, 2-6K7, 1-6Q7, 1-6V6	51	465
D748	6	1-6B8G, 1-6K6G, 1-6N7G, 1-6SA7, 2-6SK7	51	456
D900	5	1-6A7, 1-6D6, 1-6Q7G, 1-41, 1-80	..	456
D901	9	1-6A7, 1-6D6, 1-6K5G, 1-6U5/6G5, 2-6V6G, 2-76, 1-80	..	456
D905	5	1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5, 1-BK49BG Resistor	..	456
D909	4	1-6J7, 1-6K7, 1-25L6, 1-25Z6	..	...
D910	6	1-5Y3G, 1-6AC5G, 1-6K8, 1-6P5G, 1-6Q7G, 1-6SK7	44	465
D912	5	1-6A7, 1-6D6, 1-25L6, 1-25Z6, 1-75, 1-L49B Resistor	..	455
D913, 914	7	1-6A8G, 1-6K7G, 1-6P5G, 1-6Q7G, 1-25L6, 2-25Z6G	..	455
D920	8	1-5Y3G, 1-6A8G, 2-6K6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	44	465
D920 Series B	8	1-5Y3G, 1-6A8G, 2-6F6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	44	465
D921	9	1-5Y3G, 2-6J5G, 2-6K6G, 1-6K7, 1-6K8G, 1-6Q7G, 1-6U5/6G5	44	465
D929	7	1-5Y3G, 1-6AC5G, 1-6K7, 1-6K8G, 1-6P5G, 1-6Q7G, 1-6U5/6G5	44	465
D935	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
D937	5	1-1A7G, 1-1C5G, 1-1H5G, 2-1N5G	..	456
D938	4	1-1A5G, 1-1A7G, 1-1H5G, 1-1P5G	..	456
D941	6	1-12J5GT, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	44	465
D976	6	1-6A8, 1-6K6G, 2-6K7, 1-6Q7, 1-6X5G	50 or 51	465
D978	6	1-6A8, 1-6J5G, 1-6K7, 1-6N7, 1-6Q7, 1-6SK7	50 or 51	465
D978	6	1-6A8GT, 1-6J5GT, 1-6K7GT, 1-6N7G, 1-6SK7, 1-6SQ7	51	465
D1001	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	..	465
D1011, 1012	6	1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
D1040	6	1-5Y3G, 1-6AC5G, 1-6P5G, 1-6SA7, 1-6SK7, 1-6SQ7	44	465
D1041	10	1-5Y3G, 2-6F6G, 1-6P5G, 1-6SA7, 3-6SK7, 1-6SQ7, 1-6U5/6G5	44	465
D1070	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	47	465
D1070	11	1-5Y3G, 3-6J5GT, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6U5/6G5, 2-6V6G	51	456
D1076	6	1-5Y3G, 1-6SA7, 2-6SK7, 1-6SQ7, 1-6V6GT	44	455
D1080, 1080B	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-35Z5GT, 1-5459 Resistor	47	465
DE3000	6	1-6A8G, 1-6K6G, 2-6K7G, 1-6Q7G, 1-6X5G	44	465
S691	6	1-36, 1-37, 3-39/44, 1-41	..	262
S716, 717	8	2-24A, 1-27, 3-35/51, 1-47, 1-80	..	175
S719	5	1-35/51, 1-47, 2-57, 1-80	..	262
S725, 726	7	1-6B7, 3-6D6, 1-42, 1-76, 1-80	..	456
S732, 733	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
S735	5	1-6C6, 2-6D6, 1-41, 1-75	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WESTERN AUTO SUPPLY COMPANY—Continued				
S740	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5
S743	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	177.5
Z6-Z1	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262
062	6	1-36, 1-37, 1-38, 3-39/44	..	262
6U	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	262.5
670	6	1-6C6, 1-6D6, 1-42, 1-75, 1-78, 1-84/6Z4	..	175
1312	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	177.5
WESTINGHOUSE ELECTRIC SUPPLY COMPANY				
"WESTINGHOUSE"				
WR4	7	4-24A, 2-45, 1-80	..	TRF
WR5, 6, 6R, 7, 7R, 8, 8R	9	4-24A, 2-27, 2-45, 1-80	..	175
WR10, 12, 13	8	1-24A, 2-27, 2-35/51, 2-45, 1-80	..	175
WR10, 12 DC	7	1-24A, 2-27, 2-35/51, 2-45	..	175
WR10A	8	1-24A, 2-27, 2-35/51, 2-47, 1-80	..	175
WR12	8	1-24A, 1-27, 1-35/51, 4-47, 1-80	..	175
WR14	4	2-24A, 1-47, 1-80	..	175
WR14-CR	4	2-24A, 1-47, 1-80	..	TRF
WR15	9	1-24A, 3-27, 2-35/51, 2-47, 1-80	..	175
WR15A, 18	8	1-24A, 3-27, 2-35/51, 1-47, 1-80	..	175
WR16	11	3-24A, 4-27, 2-35/51, 1-47, 1-80	..	175
WR17	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	..	175
WR19	8	1-47, 3-56, 3-58, 1-80	..	175
WR20	4	1-1V, 1-6C6, 1-6D6, 1-38	..	TRF
WR21	5	1-25Z5, 1-43, 1-77, 2-78	..	456
WR21 2nd	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
WR22	5	1-47, 1-57, 2-58, 1-80	..	456
WR22 2nd	5	1-6C6, 2-6D6, 1-42, 1-80	..	456
WR23, 24	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	456
WR25	6	1-6A7, 1-41, 1-75, 2-78, 1-84/6Z4	..	172.5
WR26, 26M	4	1-36, 1-37, 1-38, 1-39/44	..	TRF
WR27	4	1-6A7, 1-42, 1-77, 1-78	..	456
WR28, 29	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	..	456
WR30	10	2-6A6, 1-6B7, 1-42, 1-76, 1-77, 3-78, 1-83V	..	456
WR31	8	1-2A7, 1-2B7, 1-53, 1-56, 3-58, 1-80	..	445
WR33	4	1-6A7, 1-6B7, 1-78, 1-89	..	175
WR35	5	1-2A5, 1-2A7, 1-57, 1-58, 1-80	..	175
WR36, 37	6	1-2A5, 1-2A7, 1-2B7, 2-58, 1-80	..	175
WR38, 39	8	1-2A7, 1-2B7, 1-53, 1-56, 3-58, 1-80	..	445
WR41	4	1-6A7, 1-6B7, 1-41, 1-78	..	175
WR42	5	1-1V, 1-6A7, 1-6B7, 1-41, 1-78	..	175
WR45	8	1-5Z3, 1-6A7, 2-6D6, 2-42, 1-75, 1-76	..	175
WR46	6	1-6A7, 1-6B7, 2-6D6, 1-41, 1-80	..	460
WR47	7	1-1C6, 1-19, 2-30, 1-32, 2-34	..	460
WR48	5	1-6A7, 1-6B7, 1-6D6, 1-41, 1-80	..	460
WR49	6	1-6A7, 1-6B7 2-6D6, 1-41, 1-80	..	460
WR100	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
WR101-U6A	6	1-6A8, 2-6K7, 1-25Z5, 1-43, 1-75	..	456
WR101-U6F	6	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25Z5, 1-43	..	456
WR102	4	1-6A7, 1-6C6, 1-25Z5, 1-43	..	465
WR102A	4	1-6A7, 1-6F7, 1-25B6G, 1-25Z5	..	465
WR103	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	465
WR103A	5	1-6A7, 1-6D6, 1-25B6G, 1-25Z5, 1-75	..	465
WR116	7	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 1-25Z6, 1-Ballast	..	465
WR120	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25B6G, 1-25Z6, 1-Ballast	..	455
WR140	5	1-6A8, 1-6K7, 1-6Q7G, 1-25L6, 1-25Z6G, 1-K49CB Resistor	..	455
WR150W, 1501	4	2-6J7, 1-25L6G, 1-25Z6G, 1-L55B Resistor	..	455
WR152, 154	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-BK42 Resistor	..	455
WR158	6	1-6A8G, 1-6F5, 1-6H6, 1-6K7, 1-25L6G, 1-25Z6G	..	455

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WESTINGHOUSE ELECTRIC SUPPLY COMPANY—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WR165	5	1-6A8, 1-6SK7, 1-6SQ7, 1-25L6, 1-25Z6	47	455
WR166, 166A, 169.	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	47	455
WR166L, 168, 168A, 168B, 1705	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z4GT	51	455
WR172, 373Y	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	..	455
WR173, 174, 175, 176, 178, 179, 180, 184, 186	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
WR201	5	2-6D6, 1-42, 1-76, 1-80	..	456
WR203, 303	6	1-6A8, 1-6F6, 2-6K7, 1-75, 1-80	..	456
WR204, 304	7	1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-80	..	465
WR205, 305	8	1-6C5, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6K8, 1-80	..	465
WR207	5	2-6D6, 1-42, 1-76, 1-80	..	456
WR208	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
WR209	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	..	465
WR210, 310	5	1-5Y3G, 1-6A8, 1-6F6, 1-6K7, 1-75	..	465
WR211, 311	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
WR212, 312	8	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	465
WR214, 314	10	1-5Y3G, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5	..	465
WR217	5	1-6A7, 1-6D6, 1-41, 1-75, 1-80	..	456
WR222, 224	5	1-5Y3G, 1-6A8G, 1-6K7G, 1-6Q7G, 1-6Y6G	..	455
WR226	7	1-5Y3G, 1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6U5/6G5, 1-6V6G	..	455
WR228	8	1-5Y3G, 1-6A8, 2-6F6G, 2-6K7, 1-6Q7, 1-6U5/6G5	..	455
WR256, 258, 260	5	1-5Y4G, 1-6A8G, 1-6K6G, 1-6K7, 1-6Q7G	..	455
WR262	6	1-5Y4G, 1-6A8G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 1-6V6G	..	455
WR264	7	1-5Y4G, 1-6F5, 1-6H6, 1-6K6G, 1-6K7, 1-6K8, 1-6U5/6G5	..	455
WR270, 470	6	1-6AB5/6N5, 1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	51	455
WR272	6	1-5Y4G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
WR272L	5	1-5Y4G, 1-6F6G, 1-6K7, 1-6SA7, 1-6SQ7	51	455
WR274	7	1-5Y4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SK7, 1-6U5/6G5	44	455
WR288, 386	6	1-5Y3G, 1-6F6G, 1-6SA7, 2-6SK7, 1-6SQ7	..	455
WR306	10	1-5Z3, 1-6A8, 1-6C5, 1-6F5, 2-6F6, 1-6H6, 3-6K7	..	465
WR311	6	1-5Y3G, 1-6A8, 1-6F5, 1-6F6, 1-6H6, 1-6K7	..	465
WR315	12	1-5Z3, 2-6A8, 1-6H6, 1-6J7, 3-6K7, 2-6L6, 1-6Q7, 1-6U5/6G5	..	465, 100
WR316	7	1-6A8, 1-6F5, 1-6H6, 1-6K7, 1-25A6, 1-25Z6, 1-Ballast	..	465
WR326	7	1-5Y3G, 1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6U5/6G5, 1-6V6G	..	455
WR328	8	1-5Y3G, 1-6A8G, 2-6F6G, 2-6K7G, 1-6Q7G, 1-6U5/6G5	..	455
WR330, 332	10	1-5Y3G, 1-6A8G, 1-6C5G, 1-6F5G, 1-6H6G, 2-6K7G, 1-6U5/6G5, 2-6V6G	..	455
WR334, 336	12	1-5X4G, 1-6A8G, 1-6C5G, 1-6H6G, 1-6J7G, 3-6K7G, 1-6Q7G, 1-6U5/6G5, 2-6V6G	..	455
WR338	7	1-5Y3G, 1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-6U5/6G5, 1-6V6G	..	455
WR342, 328	8	1-5Y3G, 1-6A8, 2-6F6G, 2-6K7, 1-6Q7, 1-6U5/6G5	..	455

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WESTINGHOUSE ELECTRIC SUPPLY COMPANY—Continued				
WR366	8	1-5Y4G, 1-6A8G, 1-6F6G, 1-6J7, 2-6K7, 1-6Q7, 1-6U5/6G5	..	455
WR368	10	1-5U4G, 1-6A8, 1-6F5, 2-6F6G, 1-6J7, 2-6K7, 1-6Q7G, 1-6U5/6G5	..	455
WR370	12	1-5T4, 1-6A8, 2-6F6, 2-6J5, 1-6J7, 3-6K7, 1-6R7, 1-6U5/6G5	..	455
WR372, 372L	6	1-5Y4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SK7	44	455
WR373, 373L	7	1-5Y4G, 1-6F6G, 1-6H6, 1-6SA7, 1-6SF5, 1-6SK7, 1-6U5/6G5	44	455
WR374, 374L	8	1-5Y4G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
WR375	6	1-5Y4G, 1-6F6G, 1-6H6, 1-6K7, 1-6SA7, 1-6SF5	47	455
WR388	9	1-5Y3G, 2-6F6G, 1-6H6, 1-6SA7, 2-6SF5, 2-6SK7	..	455
WR468, 468L	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	51	455
WR472	5	1-5Y3G, 1-6A8, 1-6K6G, 1-6K7, 1-6Q7G	..	455
WR473	7	1-5Y4G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	51	455
WR474	8	1-5Y4G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	44	455
WR474L	8	1-5Y4G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7, 1-6U5/6G5	51	455
WR475	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT	47	455
WR476	7	1-5Y4G, 2-6F6G, 1-6K7, 1-6SA7, 1-6SF5, 1-6SQ7	51	455
WR478	5	1-12SA7, 1-12SK7, 1-12SQ7, 1-35Z5GT, 1-50L6GT	..	455
WR480	5	1-5Y3G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
WR482	6	1-5Y3G, 1-6AD7G, 1-6F6G, 1-6SA7, 1-6SK7, 1-6SQ7	..	455
WR484	7	1-5Y3G, 2-6F6G, 1-6SA7, 1-6SF5, 1-6SK7, 1-6SQ7	..	455
WR500, 502	6	1-42, 1-75, 2-77, 1-78, 1-84/6Z4	..	175
WR501	6	1-6A7, 1-41, 2-78, 1-84/6Z4, 1-85	..	172.5
WR503	7	1-0Z4, 1-6A8, 2-6F6, 1-6H6, 1-6J7, 1-6K7	..	175
WR601	5	1-1B5/25S, 1-1C6, 1-30, 1-33, 1-34	..	456
WR602	5	1-6A7, 2-15, 1-19, 1-85	..	456
WR603, 606	4	1-6A7, 1-6D6, 1-41, 1-75	..	465
WR604	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	465
WR605, 608	6	2-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	465
WR607	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	465
WR610	4	1-6D8G, 1-6K6G, 1-6S7G, 1-6T7G	..	455
WR674, 675	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
WR675A	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
WR676	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-117Z6GT or 35Z5GT	..	455
WR677	4	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1Q5GT	..	455
WR678, 679	5	1-1A7GT, 1-1H5GT, 1-1N5GT, 1-1T5GT, 1-35Z4GT	..	455
WR680, 681	6	1-1A7GT, 1-1H5GT, 2-1N5GT, 1-3Q5GT, 1-35Z5GT	..	455
WESTONE RADIO CORPORATION				
20	4	1-2A5, 1-56, 1-58, 1-80	..	...
34-4 Tubes	4	1-2A5, 1-2A7, 1-57, 1-80	..	456
34-5 Tubes	5	1-2A5, 1-56, 1-57, 1-58, 1-80	..	456
40	5	1-2A5, 1-2A6, 1-2A7, 1-58, 1-80	..	456
WILCOX-GAY CORPORATION				
"WILCOX-GAY", "RECORDIO"				
A11, 16	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
A15, 17	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WILCOX-GAY CORPORATION—Continued				
A18, 19	6	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	175
A20	8	1-6J7, 1-6K7, 1-6U5/6G5, 1-42, 2-76, 1-78, 1-80	..	175
A21	12	2-5Z4, 1-6A8, 2-6F5, 1-6H6, 3-6K7, 2-6L6, 1-6U5/6G5	..	456
A22, 23	4	1-1A4T, 1-1B4P, 1-1C6, 1-1F4	..	175
A24, 25	4	1-6A7, 2-15, 1-38	..	175
A26	11	1-6A8, 2-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 2-80	..	456
A27, 28	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
A29	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	175
A29 (1938)	5	1-6A7, 1-25L6G, 1-25Z5, 1-75, 1-78' 1-L49B Resistor	..	175
A30, 31, 32	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
A33, 34	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
A35, 36, 37	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	456
A38	9	1-6A7, 1-6F5, 1-6H6, 1-42, 1-77, 3-78, 1-80	..	456
A40	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
A41, 42	5	1-1C7G, 2-1D5G, 1-1F5G, 1-1H6G	..	456
A43, 44	5	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7	..	456
A46	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
A48, 49, 50	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
A51	4	1-6J7, 1-6K7, 1-25L6GT, 1-25Z6GT	..	TRF
A52	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456
A53	5	1-6A8, 1-6K7, 1-6Q7, 1-25L6, 1-25Z6	..	456
A54, 55	7	1-6A7, 1-6D6, 2-42, 2-75, 1-80	..	456
A56, 57	2	1-6A7, 1-25Z5	..	...
A58	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	456
A60	2	1-6A7, 1-25Z5	40	...
A61	2	1-12A8GT, 1-35Z4GT	..	...
A63, 64	3	1-12A8GT, 1-25X6GT, 1-35L6GT	40	...
A66	1	1-32L7GT	..	...
A69	5	1-5W4GT, 1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT	44	456
A70	9	1-5W4GT, 1-6A8GT, 1-6J7GT, 2-6K6GT, 1-6K7GT, 2-6Q7GT, 1-6U5/6G5	44	456
A71	5	1-6AB5/6N5, 1-12J7GT, 1-12Q7GT, 1-35L6GT, 1-40Z5/45Z5GT	..	...
A72	5	1-5W4GT, 1-6J7GT, 1-6K6GT, 1-6Q7GT, 1-6U5/6G5	..	...
A73	5	1-1A5GT, 1-1A7GT, 1-1H5GT, 1-1N5GT, 1-40Z5/45Z5GT	40	456
A74	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35L6GT, 1-40Z5/45Z5GT	40	455
A76, 77	5	1-5W4GT, 1-6A8GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT	44	456
A78, 79	7	1-5W4GT, 1-6A8GT, 2-6K6GT, 1-6K7GT, 2-6Q7GT	44	456
A81, 82	9	1-5W4GT, 1-6A8GT, 1-6J7GT, 2-6K6GT, 1-6K7GT, 2-6Q7GT, 1-6U5/6G5	44	456
A85, 87, 88	7	1-5W4GT, 1-6A8GT, 1-6J7GT, 1-6K6GT, 1-6K7GT, 1-6Q7GT, 1-6U5/6G5	44	456
2S5	5	1-47, 2-57, 1-58, 1-80	..	175
2V7, 2VA7	7	1-47, 1-55, 1-56, 3-58, 1-80	..	175
2VB7	7	1-2A5, 1-2A6, 1-56, 3-58, 1-80	..	175
2W10-515	10	2-47, 1-55, 3-56, 3-58, 1-80	..	175
3D5	5	1-47, 2-57, 1-58, 1-80	..	175
3F7	7	1-47, 3-56, 1-57, 1-58, 1-80	..	115
3J4	4	1-1A6, 1-33, 2-34	..	175
3J5, 3JB5	5	1-25Z5, 1-43, 2-77, 1-78	..	175
3JE5, 3JF5, 3JG5	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	175
3JD5	5	1-6A7, 1-25Z5, 1-43, 1-77, 1-78	..	115
3JM6, 3JQ6	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	175
3K5, 3KE5	5	1-25Z5 1-43, 2-77, 1-78	..	175

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
WILCOX-GAY CORPORATION—Continued				
3KD5	5	1-25Z5, 1-43, 2-77, 1-80	..	115
3LB7	7	1-6A7, 2-25Z5, 1-42, 1-75, 2-78	..	175
3PA6	6	1-25Z5, 1-43, 3-77, 1-78	..	115
3PB8	8	1-25Z5, 2-43, 1-76, 3-77, 1-78	..	115
3R6	6	1-75, 1-77, 2-78, 1-84/6Z4, 1-89	..	175
3S5, 3SA5, 3SB5	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
3T6, 3TA6	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	175
3TB8	8	1-6A7, 1-25Z5, 2-43, 1-75, 1-76, 2-78	..	175
3V6, 3VA6, 3VB6	6	1-6A7, 1-42, 1-75, 2-78, 1-80	..	175
4B6	6	1-41, 1-75, 1-77, 2-78, 1-84/6Z4	..	175
4C5, 4CB5, 4CA5, 4CD5	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
4D10, 4DB10	10	1-2A7, 1-2B7, 4-45, 1-56, 2-58, 1-80	..	175
4E6	6	1-42, 1-75, 1-76, 1-77, 1-78, 1-80	..	115
4G7	7	1-42, 1-75, 1-76, 3-78, 1-80	..	456
4H11	11	1-6B7, 4-45, 2-76, 3-78, 1-80	..	456
4J6, 4JA6, 4JB6, 4JC6	6	1-6A7, 1-25Z5, 1-43, 1-75, 2-78	..	456
5A6	6	1-1A6, 2-30, 1-33, 2-34	..	456
5B5, 5BA5	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	456
5E7, 5EA7	7	1-42, 1-75, 1-76, 3-78, 1-80	..	456
5F8	8	1-30, 2-34, 1-38, 2-76, 1-78, 1-84/6Z4	..	456
6A5	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
6B8	8	1-6J7, 1-6K7, 1-6U5/6G5, 1-42, 2-76, 1-78, 1-80	..	175
6F6, 6FB6	6	1-5Z4, 1-6A8, 1-6F6, 1-6K7, 1-6Q7, 1-6U5/6G5	..	175
6J4	4	1-6A7, 2-15, 1-38	..	175
6P4	4	1-1A4T, 1-1B4P, 1-1C6, 1-1F4	..	175
6S12	12	2-5Z4, 1-6A8, 2-6F5, 1-6H6, 3-6K7, 2-6L6, 1-6U5/6G5	..	456
6T11	11	1-6A8, 2-6F5, 2-6F6, 1-6H6, 2-6K7, 1-6U5/6G5, 2-80	..	456
7A5	5	1-6A7, 1-42, 1-75, 1-78, 1-80	..	175
7D5	5	1-6A7, 1-25Z5, 1-43, 1-75, 1-78, 1-L49B Resistor	..	175
"WINGS"				
(See GOODYEAR TIRE AND RUBBER COMPANY—Page 131)				
WONDER-BAR RADIO COMPANY				
46	6	3-14, 1-17, 2-71A	..	TRF
51	5	2-24A, 1-35/51, 1-47, 1-80	..	Super
WORKRITE MANUFACTURING COMPANY				
18, 28, 38, 48, 58, X	7	4-26, 1-27, 1-71A, 1-80	..	TRF
19, 29	8	5-27, 2-45, 1-80	..	TRF
"WURLITZER"				
(See RUDOLPH WURLITZER MFG. COMPANY—Page 205)				
ZANEY-GILL CORPORATION				
54	6	3-24A, 1-27, 1-45, 1-80	..	TRF
ZENITH RADIO CORPORATION				
"ZENITH"				
A, B, C, D	6	3-24A, 2-45, 1-80	41	TRF
AH, CH	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	41	175
BH	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	41	175
L	5	3-24A, 1-47, 1-80	41	TRF
LH	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	41	175
LP	5	1-24A, 2-35/51, 1-47, 1-80	41	TRF
MH	7	1-24A, 2-27, 2-35/51, 1-47, 1-80	41	175
RH	8	1-24A, 2-27, 3-35/51, 1-47, 1-80	41	175

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ZENITH RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
S827, 829, 870, 871	7	3-6D6, 1-42, 1-75, 1-76, 1-80	46	252.5
S847	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	46	252.5
S908, 909, 961	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	46	252.5
S7000, 7001, 7002, 7003, 8500, 8501, 9501Z Phono.	2	1-12SA7GT, 1-35Z4GT	..	1540
Stratosphere 1st. Serial 174001 to 174100	25	3-5Z3, 1-6A7, 6-6D6, 2-42, 8-45, 3-76, 1-79, 1-85	..	485
Stratosphere 2nd. Serial after 754106	25	3-5Z3, 1-6A7, 6-6D6, 2-42, 8-45, 3-76, 1-79, 1-95	..	485
4B106, 131, 132	4	2-15, 1-38, 1-75	40	456
4B231	4	1-6D8G, 1-6S7G, 1-6T7G, 1-38	292A	456
4B313, 314, 317	4	1-6A8G, 1-6G6G, 1-6K7G, 1-6Q7G	47	455
4B422, 437, 466, 468, 515, 536, 4K515, 535, 570	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
4F133	4	1-1C7G, 1-1D5G, 1-1F5G, 1-1F7G	42	456
4F227	4	1-1C7G, 1-1D5G, 1-1F5G, 1-1F7G	42	456
4K402, 422, 435, 465, 466	4	1-1A7G, 1-1C5G, 1-1H5G, 1-1N5G	..	455
4V31, 59	4	2-15, 1-38, 1-75	40	456
5F134, 166	5	1-1C7G, 1-1D5G, 1-1F7G, 1-1H4G, 1-1J6G	49	456
5F233, 251	5	1-1C7G, 1-1D5G, 1-1F7G, 1-1H4G, 1-1J6G	49	456
5G401	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-117Z6G	..	455
5G438, 467	4	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G	..	455
5G441, 442, 461	5	1-1A7G, 1-1H5G, 1-1N5G, 1-1Q5G, 1-117Z6G	..	455
5G484	5	1-1A5G, 1-1A7G, 1-1H5G, 1-1N5G, 1-117Z6G	..	455
5G500	5	1-1LA6, 1-1LB4, 1-1LH4, 1-1LN5, 1-117Z6G	..	455
5G537, 5G572	5	1-1A7G, 1-1H5G, 1-1N5G, 1-3Q5G, 1-117Z6G	..	455
5J217, 247, 255	5	1-6D8G, 1-6S7G, 1-6T7G, 1-6ZY5G, 1-38	292A	456
5M90	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	47	456
5M191, 5R123, 135, 165	5	1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6X5G	47	456
5M291, 294 Auto	5	1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G, 1-6X5G	47	455
5R216, 226, 236, 5S218, 220, 228, 237, 250, 252	5	1-5Y4G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	47	456
5R303, 312, 312Y, 312W, 317, 337, 319, 5Z327, 330, 338, 339	5	1-6A8G, 1-6K6G, 1-6K7G, 1-6Q7G, 1-6X5G	47	455
5S19, 126, 127, 150, 151, 161	5	1-5Y3G, 1-6A8G, 1-6F6G, 1-6K7G, 1-6Q7G	47	456
5S29, 56	5	1-5Y3G, 1-6A8G, 1-6B6 or 6Q7G, 1-6F6G, 1-6K7G	40	252.5
5X230, 248, 274	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	47	456
6B107, 129, 164	6	1-6A7, 2-15, 1-19, 1-75, 1-76	292A	456
6B231	6	1-6D8G, 2-6G6G, 2-6S7G, 1-6T7G	292A	455
6D116, 117, 118	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25A6G, 1-25Z5G, 1-100-37 Ballast	47	456

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ZENITH RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
6D219, 221	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-100-37 Ballast	47	456
6D302, 311, 311Y, 311W, 312, 312Y, 312W, 316, 317, 326, 336, 337, 360	6	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6G, 1-Plug-in Resistor	47	455
6D410, 411, 425	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-35Z5G, 1-100-77 Resistor	47	455
6D413, 414, 426, 427, 446, 455	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-35Z5G, 1-100-79 Resistor	47	455
6D510, 525, 526	6	1-12J7G, 1-12K7G, 1-12SA7G, 1-12SQ7GT, 1-35L6G, 1-35Z5G	47	455
6J257	6	1-6D8G, 1-6J6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	292A	456
6J322, 357	6	1-6D8G, 2-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	292A	455
6J436, 463	6	1-6D8G, 2-6G6G, 1-6S7G, 1-6T7G, 1-6ZY5G	292A	455
6M90S, 90D, 91D, 91S, 92	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	47	252.5
6M192, 193, 194	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	47	252.5
6M292, 293, 295	6	1-6A8G, 2-6K7G, 1-6Q7G, 1-6V6G, 1-6X5G	47	252.5
6P416, 417, 418, 419	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-50Z7G, 1-100-79 Resistor	292A	455
6P428, 429, 430, 447, 448, 457	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-50Z7G, 1-100-77 Resistor	292A	455
6R481, 485	5	1-12A8G, 1-12K7G, 1-12Q7G, 1-35L6G, 1-50Z7G, 1-100-79 Resistor	292A	455
6R583	6	1-12J7G, 1-12K7GT, 1-12SA7G, 1-12SQ7GT, 1-36L6G, 1-35Z5G	44	455
6S27, 52	6	1-5Y3G, 1-6A6G, 1-6A8G, 1-6F6G, 2-6K7G	40	252.5
6S128, 137, 147 152, 157	6	1-5Y3G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	47	456
6S203, 222, 223, 229	6	1-5Y4G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	47	456
6S230	6	1-6D8G, 1-6J6G, 1-6L5G, 1-6S7G, 1-6T7G, 1-6ZY5G	47	456
6S239, 241, 254, 256	6	1-5Y4G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	47	456
6S301, 304, 305, 306, 321, 322, 340	6	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 1-6K7G, 1-6X5G	47	455
6S330, 341, 361, 362	6	1-5Y4G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G	47	456
6S439, 469	6	1-6A8G, 1-6F6G, 2-6K7G, 1-6Q7G, 1-6X5G	44	455
6S511, 527, 528	6	1-6K6G, 1-6X5G, 1-7A7, 1-7B6, 1-7B8, 1-7H7	47	455
6S546, 556	6	1-6F6G, 1-6X5G, 1-7A7, 1-7B6, 1-7B8, 1-7H7	44	455
6V27, 62	6	1-6A7, 2-15, 1-19, 1-75, 1-76	40	456

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ZENITH RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
7D119, 126, 127, 138, 148, 151, 162, 168	6	1-6A8G, 1-6F5G, 1-6F6G, 1-6K7G, 1-25A6G, 1-25Z6G	47	456
7D203, 222, 223, 229, 239, 241, 243, 253	7	1-6A8G, 1-6F5G, 1-6H6G, 1-6K7G, 1-25L6G, 1-25Z6G, 1-100-38 Ballast	47	456
7 Jr.	5	1-6C6, 1-6D6, 1-42, 1-75, 1-84/6Z4	40	175
7J232, 259	7	1-1J6G, 1-6D8G, 1-6L5G, 2-6S7G, 1-6T7G, 1-6ZY5G	292A	456
7J323, 368	7	1-6D8G, 2-6G6G, 2-6S7G, 1-6T7G, 1-6ZY5G	292A	455
7M91D, 91S	7	1-6A8G, 1-6C5G, 2-6K7G, 1-6N7G, 1-6Q7G, 1-6X5G	47	252.5
7S28, 53	7	1-5Y3G, 1-6A8G, 1-6F6G, 1-6H6G, 3-6K7G	40	456
7S232, 240, 242, 258, 260, 261	7	1-5Y4G, 1-6A8G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6K7G, 1-6U5/6G5	47	456
7S323, 342, 343, 363, 364, 366	7	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 1-6K7G, 1-6U5/6G5, 1-6X5G	47	455
7S432, 433, 434, 449, 450, 458, 459, 460, 461, 462	7	1-6A8G, 1-6AF5G, 1-6K7G, 1-6Q7G, 1-25AC5G, 2-25Z6G	44	455
7S432, 433, 434, 449, 450, 458, 459, 460, 461, 462, 487, 488, 490	7	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 2-6K7G, 1-6X5G	44	455
7S529, 530, 547, 557, 558, 559	7	1-6F5G, 1-6X5G, 1-7A4, 1-7A7, 1-7B8, 1-7G7/1232	44	455
7S585	7	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 2-6K7G, 1-6X5G	44	455
8M195	8	1-6A8G, 2-6C5G, 1-6H6G, 2-6K7G, 1-6N7G, 1-6X5G	47	252.5
8S129, 154	8	1-5Y3G, 1-6A8G, 1-6C5G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G	47	456
8S433, 451, 463	8	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 1-6K7G, 1-6U5/6G5, 1-6X5G, 1-7G7/1232	44	455
8S531, 548, 563	8	1-6A8G, 1-6AC5G, 1-6F5G, 1-6J5G, 1-6K7G, 1-6P5G, 1-6X5G, 1-7G7/1232	44	455
8S586	8	1-6A8G, 1-6F5G, 1-6F6G, 1-6J5G, 1-6K7G, 1-6U5/6G5, 1-6X5G, 1-7G7/1232	44	455
9S54, 55	9	1-5Y3G, 1-6A8G, 2-6C5G, 2-6F6G, 1-6H6G, 2-6K7G	40	456
9S204, 232 242, 244, 262, 263, 264	9	1-5Y4G, 1-6F5G, 1-6F6G, 1-6H6, 1-6J5G, 2-6K7G, 1-6L7G, 1-6U5/6G5	47	456
9S365	9	1-5Y4G, 1-6F5G, 1-6F6G, 1-6H6G, 1-6J5G, 2-6K7G, 1-6L7G, 1-6U5/6G5	47	455
9S307, 324, 344, 367, 369	9	1-5Y4G, 1-6F5G, 1-6F6G, 2-6J7G, 2-6K7G, 1-6L7G, 1-6U5/6G5	47	455
10, 11, 12	8	4-24A, 1-27, 2-45, 1-80	41	TRF
10S130, 147, 153, 155, 156, 157, 160	10	1-5Y3G, 1-6A8G, 3-6C5G, 1-6H6G, 2-6K7G, 2-6L6G	47	456

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ZENITH RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
10S443, 452, 464, 470, 491, 492....	10	1-6A8, 1-6J5G, 1-6K7G, 1-6Q7G, 1-6U5/6G5, 2-6V6G, 2-6X5G, 1-7G7/1232.....	44	455
10S531, 549, 566..	10	1-6A8G, 1-6F5G, 2-6J5G, 1-6K7G, 2-6V6G, 2-6X5G, 1-7G7/1232.....	44	455
11S474.....	11	1-6A8G, 1-6F5G, 2-6J5G, 1-6K7G, 1-6U5/6G5, 2-6V6G, 2-6X5G, 1-7G7/1232.....	44	455
12A57, 58, 12L57, 58.....	12	2-5Y3G, 1-6A8G, 4-6C5G, 2-6F6G, 1-6H6G, 2-6K7G.....	40	456
12S205, 232, 245, 265, 266, 267, 268.....	12	1-5Y4G, 1-6H6G, 4-6J5G, 2-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G.....	47	456
12S345, 370, 371..	12	1-5Y4G, 1-6F8G, 3-6J5G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 2-6V6G.....	47	455
12S445, 453, 471, 475, 494.....	12	1-6A8G, 1-6F8G, 3-6J5G, 2-6K7G, 1-6U5/6G5, 2-6V6G, 2-6X5G.....	44	455
12S550, 568, 569, 595.....	12	1-6A8G, 5-6J5G, 2-6K7G, 2-6V6G, 2-6X5G.....	44	455
12U158, 159.....	12	2-5Y3G, 2-6C5G, 1-6F5G, 1-6F6G, 1-6H6G, 2-6K7G, 2-6L6G, 1-6L7G.....	47	456
15S308, 346, 372, 373.....	15	2-5Y4G, 1-6F8G, 3-6J5G, 3-6K7G, 1-6L7G, 1-6U5/6G5, 4-6V6G.....	47	455
15S479, 495.....	15	2-5Y4G, 1-6A8G, 1-6C5G, 1-6F8G, 2-6J5G, 3-6K7G, 1-6U5/6G5, 4-6V6G.....	44	455
15U246, 259, 270, 271, 272, 273, 1000-Z.....	15	2-5Y4G, 1-6H6G, 4-6J5G, 2-6K7G, 1-6L7G, 1-6U5/6G5, 4-6V6G.....	47	456
16A61, 63 STR.....	16	4-5Y3G, 1-6A8G, 1-6C5G, 1-6F5G, 5-6F6G, 1-6H6G, 3-6K7G.....	40	456
50, 52, 54, 60, 61, 62, 64, 67, 70, 71, 72, 73, 77, 80	9	3-24A, 3-27, 2-45, 1-80.....	41	TRF
91, 92.....	10	1-24A, 3-27, 3-35/51, 2-45, 1-80.....	41, 42	175
102.....	8	4-24A, 1-27, 2-45, 1-80.....	41, 42	TRF
103.....	14	2-24A, 4-27, 4-35/51, 2-45, 1-80, 1-Ballast.....	41, 42	175
112, 122.....	8	4-24A, 1-27, 2-45, 1-80.....	41	TRF
210, 211.....	7	1-24A, 2-27, 1-47, 2-58, 1-80.....	41	175
215, 216, 217.....	7	1-55, 1-56, 3-58, 1-59, 1-80.....	41	175
220, 221.....	7	1-24A, 2-27, 1-47, 2-58, 1-80.....	41	175
225.....	7	1-55, 1-56, 3-58, 1-59, 1-80.....	41	175
230, 240, 241, 244, 245.....	8	1-56, 2-57, 3-58, 1-59, 1-80.....	41	175
250, 251, 252.....	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80.....	41	175
258.....	8	1-55, 1-56, 4-58, 1-59, 1-80.....	41	485
259, 260, 261, 262.	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80.....	41	175
263.....	7	1-55, 1-56, 3-58, 1-59, 1-80.....	41	175
268.....	8	1-55, 1-56, 4-58, 1-59, 1-80.....	41	485
269.....	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80.....	41	175
270.....	7	1-24A, 2-27, 1-47, 2-58, 1-80.....	41	175
271.....	8	1-56, 2-57, 3-58, 1-59, 1-80.....	41	175
272.....	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80	41	175
273.....	10	2-56, 1-57, 3-58, 3-59, 1-80.....	41	175
277.....	8	1-2A6, 1-56, 4-58, 1-59, 1-80.....	41	485
278, 280, 281.....	8	1-55, 1-56, 4-58, 1-59, 1-80.....	41	485
281.....	8	1-2A6, 1-56, 4-58, 1-59, 1-80.....	41	485
288, 289.....	8	1-55, 1-56, 4-58, 1-59, 1-80.....	41	485
288.....	8	1-2A6, 1-56, 4-58, 1-59, 1-80.....	41	485
291, 292.....	7	1-24A, 2-27, 1-47, 2-58, 1-80.....	41	175

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ZENITH RADIO CORPORATION—Continued

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
293	7	1-2A6, 1-56, 4-58, 1-80	41	485
299	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80	41	175
410, 411, 412, 414, 420	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
430, 440, 441, 442, 444	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
443	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
460	7	1-6C6, 2-6D6, 1-84/6Z4, 1-85, 2-89	40	485
462	6	1-6C6, 1-6D6, 1-6F7, 1-42, 1-75, 1-84/6Z4	41	252.5
470	7	1-55, 1-56, 3-58, 1-59, 1-80	41	175
472	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80	41	175
473	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
476	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
476B	12	6-56, 3-58, 2-59, 1-80	41	175
478 Chassis 5056	8	1-2A6, 1-56, 4-58, 1-59, 1-80	41	485
478 Chassis 2051	8	1-55, 1-56, 4-58, 1-59, 1-80	41	485
479	12	6-56, 3-58, 2-59, 1-80	41	175
500, 501, 502, 503, 514, 515, 516 Chassis 2037	8	1-56, 2-57, 3-58, 1-59, 1-80	41	175
516, 517, 518 Chassis 2031	9	1-24A, 3-27, 1-47, 1-57, 2-58, 1-80	41	175
520, 521	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
530, 531, 532, 533	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
558, 568, 578	8	1-55, 1-56, 4-58, 1-59, 1-80	41	485
577, 588	8	1-2A6, 1-56, 4-58, 1-59, 1-80	41	485
589, 590	8	1-55, 1-56, 4-58, 1-59, 1-80	41	485
593	8	1-2A6, 1-56, 4-58, 1-59, 1-80	41	485
600	8	1-56, 2-57, 3-58, 1-59, 1-80	41	175
602	9	3-24A, 3-27, 2-45, 1-80	41	TRF
603	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
604, 606, 610, 612	8	1-56, 2-57, 3-58, 1-59, 1-80	41	175
608, 611	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
612	9	3-24A, 3-27, 2-45, 1-80	41	TRF
615	10	2-56, 1-57, 3-58, 3-59, 1-80	41	175
616, 618	8	1-56, 2-57, 3-58, 1-59, 1-80	41	175
617, 619, 620	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
622	9	3-24A, 3-27, 2-45, 1-80	41	TRF
623	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
642	9	3-24A, 3-27, 2-45, 1-80	41	TRF
650	6	1-6C6, 1-6D6, 1-6F7, 1-42, 1-75, 1-84/6Z4	47	252.5
660, 666, 668	6	1-6C6, 2-6D6, 1-42, 1-75, 1-84/6Z4	46	252.5
663, 664	5	1-6A7, 1-6D6, 1-41, 1-75, 1-84/6Z4	46	456
672, 701	5	2-6D6, 1-25Z5, 1-43, 1-75	..	465
702	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75	..	456
705, 706, 707, 711, 712	6	1-2A6, 1-56, 1-57, 1-58, 1-59, 1-80	41	485
712	9	3-24A, 3-27, 2-45, 1-80	41	TRF
715	8	1-55, 1-56, 3-58, 2-59, 1-80	41	175
722, 732	9	3-24A, 3-27, 2-45, 1-80	41	TRF
750	6	1-2A6, 1-56, 1-57, 1-58, 1-59, 1-80	41	485
755	8	1-55, 1-56, 3-58, 2-59, 1-80	41	175
757, 760, 765, 767	9	3-56, 3-58, 2-59, 1-80	41	175
770, 775	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
770B, 775B	12	6-56, 3-58, 2-59, 1-80	41	175
772	9	3-24A, 3-27, 2-45, 1-80	41	TRF
777, 788	12	6-56, 3-58, 2-59, 1-80	41	175
780	12	3-56, 2-57, 3-58, 3-59, 1-80	41	175
801	5	2-6D6, 1-25Z5, 1-43, 1-75	40	456
805	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	40	252.5
806, 807	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	252.5
808, 809	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	252.5
810, 811	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	40	252.5
812, 816, 819	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	40	125
825, 827, 829	7	3-6D6, 1-37, 1-42, 1-75, 1-80	46	485
835	10	1-5Z3, 1-6A7, 3-6D6, 1-37 or 76, 3-42, 1-75	40	485

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Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ZENITH RADIO CORPORATION—Continued				
845, 850	5	1-6D6, 1-6F7, 1-42, 1-75, 1-80	40	252.5
860, 861	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	252.5
862, 865, 866	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	40	252.5
870	7	3-6D6, 1-37, 1-42, 1-75, 1-80	46	485
880	10	1-5Z3, 1-6A7, 3-6D6, 1-37 or 76, 3-42, 1-75	40	485
908, 909	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	252.5
935	10	1-5Z3, 1-6A7, 3-6D6, 1-37 or 76, 3-42, 1-75	40	485
945, 950	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	40	252.5
960	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	252.5
970, 975	9	2-2A5, 1-2A7, 3-56, 2-58, 1-80	41	175
978	10	1-5Z3, 1-6A7, 3-6D6, 1-37 or 76, 3-42, 1-75	40	485
980, 985, 990	12	1-5Z3, 1-6A7, 3-6D6, 2-42, 5-76	40	485
983, 1101, 1105	10	1-5Z3, 1-6A7, 3-6D6, 1-37 or 76, 3-42, 1-75	40	485
1162	6	1-6A7, 2-6D6, 1-25Z5, 1-43, 1-75	40	252.5
1167	6	1-6A7, 2-6D6, 1-42, 1-75, 1-80	40	252.5
1170	7	3-6D6, 1-42, 1-75, 1-76, 1-80	40	252.5
ZEPHYR RADIO COMPANY				
"ZEPHYR"				
AA	4	1-1A4T, 1-1A6, 1-1B4P, 1-1F4	..	456
A5	5	1-6A7, 1-41, 1-75, 1-78, 1-84/6Z4	..	456
B102	6	1-0Z4, 1-6A7, 2-6D6, 1-42, 1-75	..	175
D, DD, DC	5	1-6A7, 1-6K7, 1-25Z5, 1-43, 1-75	..	456
DA, DDA, DAC	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456
GBR, GBRC	7	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30, 1-V6	..	456
GHR, GHRC, GR, GRC	7	1-6A7, 1-6B5, 1-6D6, 1-6E5, 1-6F5, 1-6H6, 1-80	..	456
IMP	2	1-12B8GT, 1-70L7GT	51	TRF
J80	8	1-6A7, 2-6D6, 2-41, 1-75, 1-76, 1-84/6Z4	..	262.5
NT, NTC	10	1-6A8, 2-6B5, 1-6D6, 1-6E5, 1-6K7, 1-75, 2-76, 1-80	..	456
RKSD	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-50B2 Resistor	..	TRF
T456	4	1-12K7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	TRF
Z	4	1-6C6, 1-6D6, 1-38, 1-76	..	TRF
2M7	7	1-0Z4, 1-6A8, 1-6F6, 2-6K7, 1-6Q7, 1-206	..	175
3M7	6	1-0Z4, 1-6A7, 2-6D6, 1-6Q7, 1-41	..	456
3M8	7	1-0Z4, 1-6C5, 2-6K7, 1-6L6, 1-6L7, 1-6Q7	..	456
20A6, 21A6, 22A6	5	1-1A4T, 1-1B5/25S, 1-1C6, 1-19, 1-30	..	456
20B3	3	1-6C6, 1-6D6, 1-41	..	TRF
20B6, 21B6, 22B6, 20P6, 21P6, 22P6	5	1-6AB5/6N5, 1-6D8G, 1-6Q6G, 1-6S7G, 1-38, 1-Z6 Vibrator	..	456
20X7, 21X7, 22X7	6	1-6A7, 1-6AB5/6N5, 1-6K7, 1-25Z5, 1-43, 1-75, 1-K38B2 Resistor	..	456
25Y11, 26Y11	11	1-6A7, 1-6AB5/6N5, 2-6B5, 1-6D6, 1-6K7, 1-75, 3-76, 1-80	..	456
30B7, 31B7, 30P7, 31P7	6	1-6AB5/6N5, 1-6D8G, 1-6L5, 1-6Q6G, 1-6S7G, 1-38, 1-2Z6 Vibrator	..	456
30Y9, 31Y9	7	1-6D6, 1-6H6, 1-6L7, 1-6U5/6G5, 1-25B5, 1-25Z5, 1-75, 1-K22B2 Resistor	..	456
30YP6	5	1-6A7, 1-6D6, 1-25L6, 1-25Z5, 1-75, 1-L49C Resistor	..	456
32B7	6	1-6D8, 3-6L5, 1-6S7, 1-19	..	456
32P6	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
32X5	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
32Y5	5	1-6A7, 1-6D6, 1-42, 1-75, 1-80	..	456

Continued on next page

Model Numbers	Total Tubes	Tube Types Required	Panel Lamp No.	I-F Peak or Circuit
ZEPHYR RADIO COMPANY—Continued				
32Y6	6	1-5Y3G, 1-6A8, 1-6F6, 2-6K7, 1-6Q7	..	456
33X5	4	1-6C6, 1-6D6, 1-25Z5, 1-43, 1-L49C Resistor	..	TRF
35B7	6	1-6D8, 3-6L5, 1-6S7, 1-19	..	456
35P6	6	1-6A7, 1-6D6, 2-48, 1-75, 1-76	..	456
39X4	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	44	TRF
39Y6	6	1-6A7, 1-6D6, 1-41, 1-75, 1-76, 1-80	46	456
35Y12	10	2-5Y3G, 1-6A8, 2-6C5, 2-6H6, 2-6K7, 1-6U5/6G5	..	456
39YP5	5	1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-L55B Resistor	44	456
40Y6	5	1-6A7, 1-6D6, 1-6Q7, 1-25B5, 1-25Z5, 1-K22B2 Resistor	..	456
40Y8	8	1-6A7, 1-6D6, 2-41, 1-75, 2-76, 1-80	44	456
41X4	3	1-6J7GT, 1-6K7GT, 1-25A7GT	44	TRF
41X6	5	1-6A7, 1-6D6, 1-25Z5, 1-43, 1-75, 1-L49B Resistor	..	456
43X4	4	1-6J7GT, 1-6K7GT, 1-25L6GT, 1-25Z6GT	44	TRF
45X5	4	1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-L55B Resistor	44	TRF
46X6	5	1-6A7, 1-6C6, 1-6D6, 1-25L6, 1-25Z5, 1-L55B Resistor	44	456
50X5	4	1-6A8, 1-6J7, 1-25L6G. 1-25Z6G, 1-L49B Resistor	..	470
50Y14	14	2-5Y3G, 1-6A8, 3-6C5, 2-6F6, 2-6H6, 3-6K7, 1-6U5/6G5	..	456
61X8, 65X8	7	1-6A7, 1-6D6, 1-6K5, 1-6U5/6G5, 1-25L6, 1-25Z5, 1-76, 1-L40C Resistor	..	456
63X8	7	1-6A8, 1-6D6, 1-6F5, 1-6U5/6G5, 1-25Z5, 1-43, 1-76, 1-L40S Resistor	..	456
520, 50X5	4	1-6A8, 1-6J7, 1-25L6G, 1-25Z6G, 1-62A Resistor	..	465
576-5Q, 577-5Q	5	1-12K7GT, 1-12SA7GT, 1-12SQ7GT, 1-35Z5GT, 1-50L6GT	47	456
578, 592	5	1-1A7, 1-1H5, 1-1P5, 1-1T5, 1-25Z6GT	44	456
583, 583PG, 583W, 589	5	1-12A8GT, 1-12K7GT, 1-12Q7GT, 1-35Z5GT, 1-50L6GT	47	456
599	5	1-6A8GT, 1-6K7GT, 1-6Q7GT, 1-25L6GT, 1-25Z6GT, 1-L49B Resistor	44	456
605-7C, 381-7H	7	1-6A7, 1-6D6, 2-41, 1-75, 1-76, 1-80	44	456
633	5	1-6A8G, 1-6K7G, 1-6Q7G, 1-25L6G, 1-25Z6, 1-L49B Resistor	44	470
696-6J, 697-6J, 699-6J	6	1-6A7, 1-6D6, 1-25L6, 2-25Z5, 1-75	44	456

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